

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083980.D
 Acq On : 18 Sep 2024 14:15
 Operator : JC\MD
 Sample : P4030-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:33:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	171706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109285	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	126320	48.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	8.171	113	89665	48.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	10.565	98	353061	55.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.847	95	134673	51.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.220%

Target Compounds

					Qvalue	
3) Chloromethane	2.365	50	557	Below Cal	#	41
11) Tert butyl alcohol	5.535	59	247	0.712	ug/l #	71
13) Acrolein	4.177	56	139	0.406	ug/l #	13
14) Allyl chloride	5.124	41	829	0.251	ug/l #	66
15) Acrylonitrile	5.806	53	3846	4.079	ug/l #	40
16) Acetone	4.430	43	22596	21.771	ug/l #	87
17) Carbon Disulfide	4.718	76	6743	1.298	ug/l	100
18) Methyl Acetate	5.277	43	29617	12.296	ug/l #	52
20) Methylene Chloride	5.265	84	3411	1.606	ug/l #	71
25) 2-Butanone	7.488	43	5529	4.053	ug/l #	79
28) Bromochloromethane	7.965	49	4985	3.016	ug/l #	14
30) Chloroform	7.965	83	66926	16.063	ug/l	97
31) Cyclohexane	8.253	56	99676	26.637	ug/l	99
36) 1,1-Dichloropropene	8.218	75	16792	6.039	ug/l #	51
37) Ethyl Acetate	7.488	43	5529	2.191	ug/l #	68
38) Carbon Tetrachloride	8.224	117	20660	6.549	ug/l #	15
39) Methylcyclohexane	9.600	83	516420	163.170	ug/l	98
40) Benzene	8.600	78	5182	0.619	ug/l #	85
43) Isopropyl Acetate	8.700	43	13521	2.956	ug/l #	57
45) 1,2-Dichloropropane	9.600	63	6124	3.028	ug/l #	1
46) Dibromomethane	9.600	93	309	0.218	ug/l #	1
48) Methyl methacrylate	9.600	41	270646	124.727	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	1697	0.682	ug/l	93
52) Toluene	10.629	92	3020	0.590	ug/l #	74
55) 1,1,2-Trichloroethane	11.006	97	25997	13.603	ug/l #	20
56) Ethyl methacrylate	10.859	69	1233	0.419	ug/l #	23
58) 2-Chloroethyl Vinyl ether	10.153	63	353	0.333	ug/l #	46
59) 2-Hexanone	11.176	43	5654	3.070	ug/l #	44
67) Ethyl Benzene	11.964	91	5906	0.623	ug/l #	82
68) m/p-Xylenes	12.064	106	34626	9.834	ug/l	100
69) o-Xylene	12.400	106	3206	0.941	ug/l	91
73) Isopropylbenzene	12.694	105	119831	14.173	ug/l	99
74) N-amyl acetate	12.459	43	9139	2.533	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.911	83	728	0.293	ug/l #	36
76) 1,2,3-Trichloropropane	12.847	75	76517	34.699	ug/l #	1
78) n-propylbenzene	13.035	91	204348	20.772	ug/l	98

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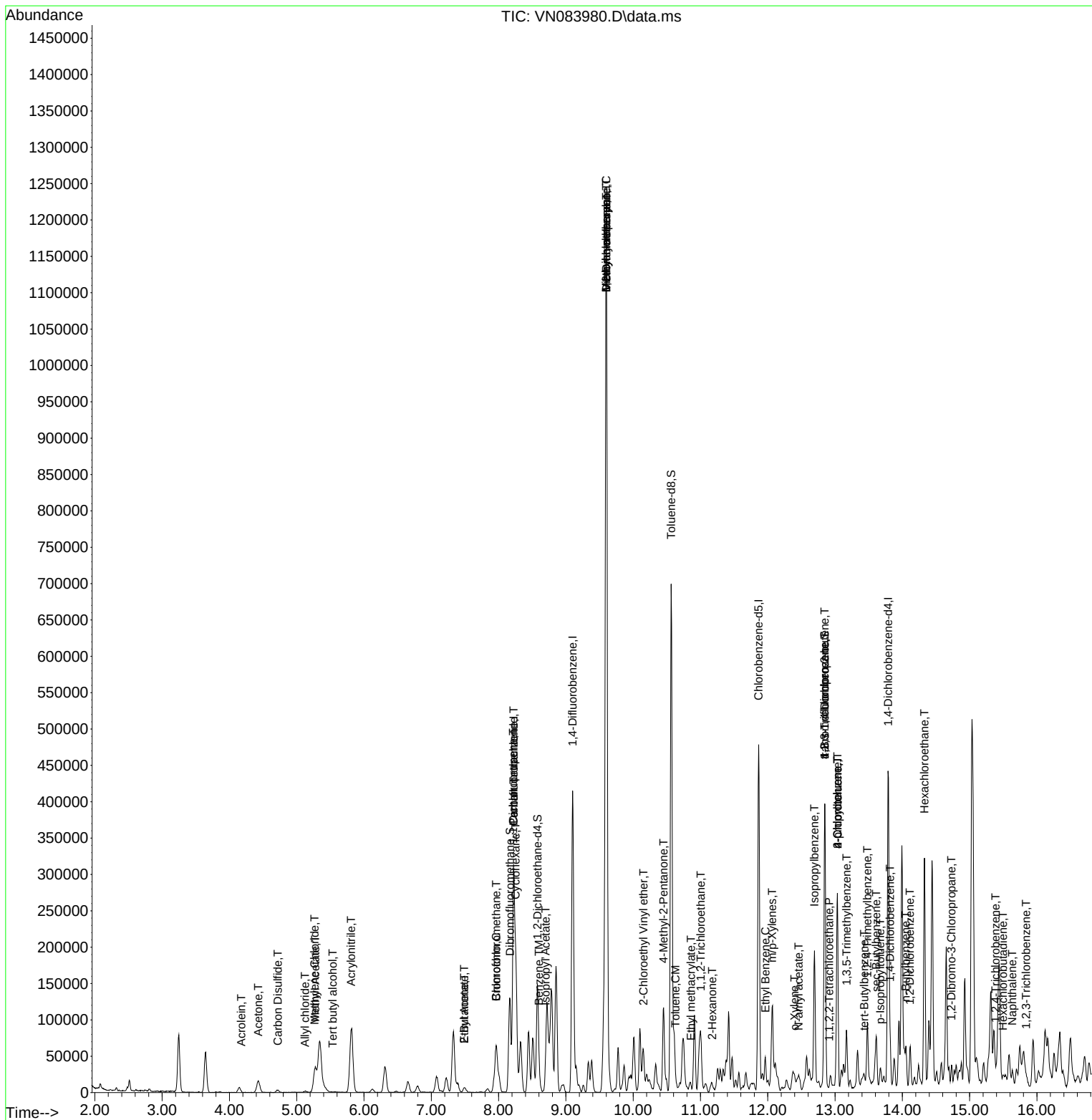
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

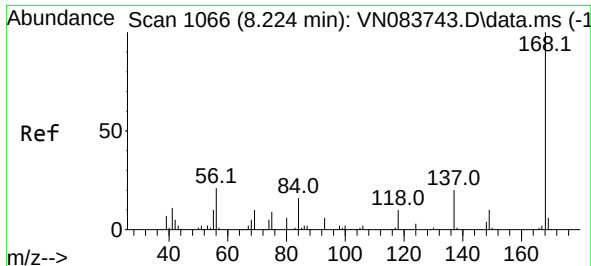
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	13.035	91	204348	32.571	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	33250	4.664	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	76517	90.880	ug/l #	9
82) 4-Chlorotoluene	13.035	91	204348	32.457	ug/l #	44
83) tert-Butylbenzene	13.435	119	4896	0.785	ug/l	76
84) 1,2,4-Trimethylbenzene	13.482	105	47011	6.565	ug/l	100
85) sec-Butylbenzene	13.611	105	42966	5.195	ug/l #	78
86) p-Isopropyltoluene	13.670	119	6819	0.984	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	1113	0.286	ug/l #	24
89) n-Butylbenzene	14.053	91	32148	5.164	ug/l #	79
90) Hexachloroethane	14.329	117	15686	11.255	ug/l #	17
91) 1,2-Dichlorobenzene	14.111	146	753	0.203	ug/l #	31
92) 1,2-Dibromo-3-Chloropr...	14.729	75	423	0.854	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.388	180	1341	0.674	ug/l #	1
94) Hexachlorobutadiene	15.494	225	492	0.582	ug/l #	74
95) Naphthalene	15.635	128	16885	2.790	ug/l	95
96) 1,2,3-Trichlorobenzene	15.841	180	1717	0.903	ug/l #	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 19 01:33:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

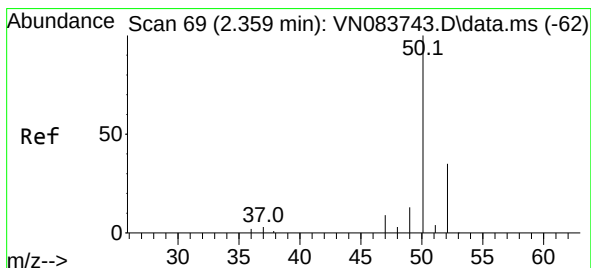
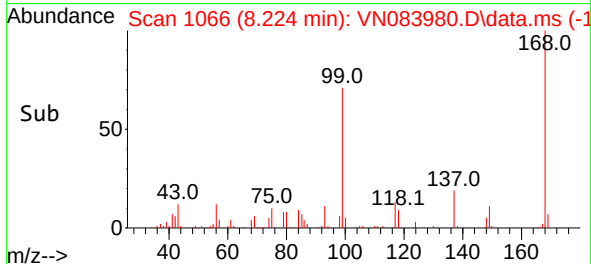
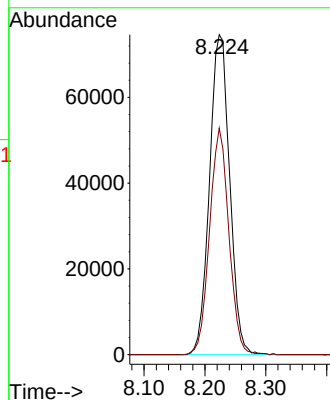
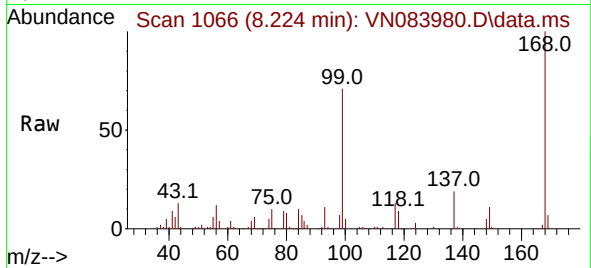




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083980.D
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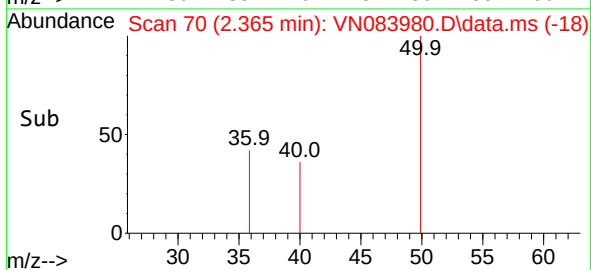
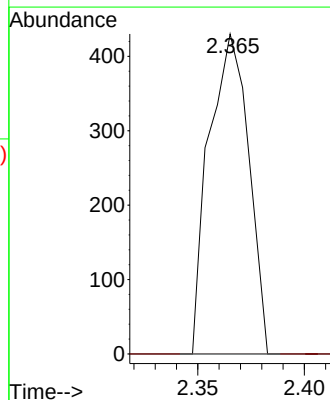
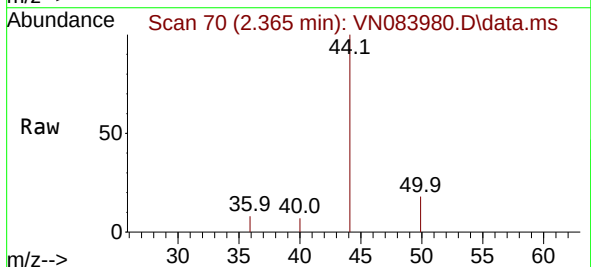
Instrument :
MSVOA_N
ClientSampleId :

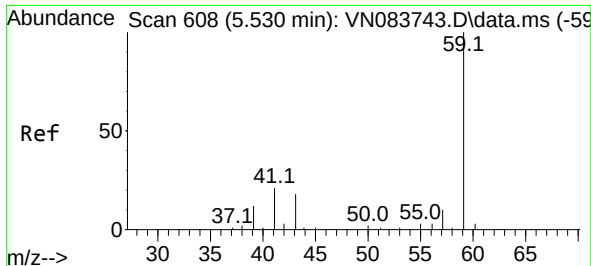
Tgt Ion:168 Resp: 171706
Ion Ratio Lower Upper
168 100
99 70.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

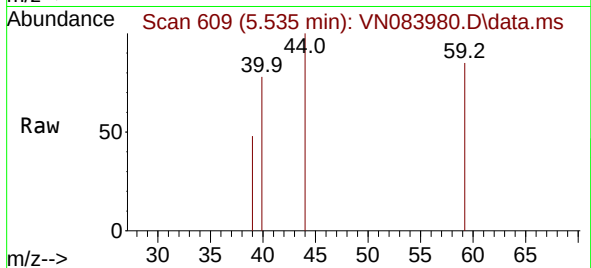
Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



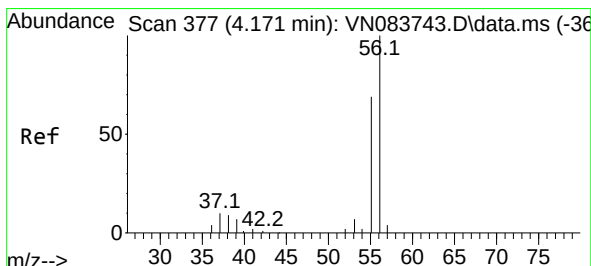
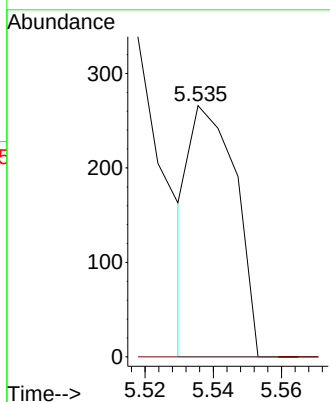
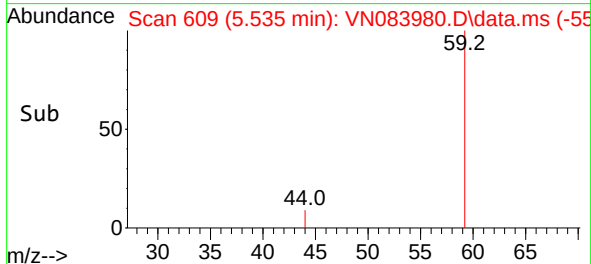


#11
Tert butyl alcohol
Concen: 0.712 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

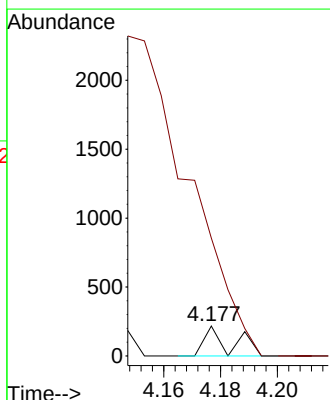
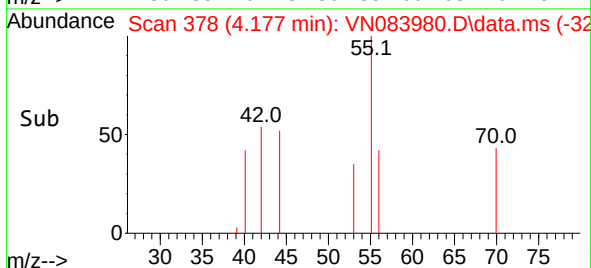
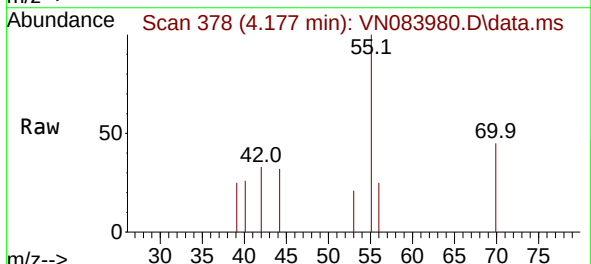


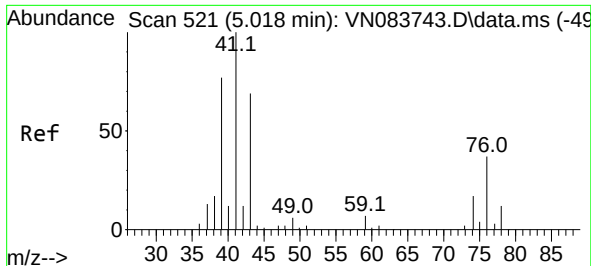
Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.406 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

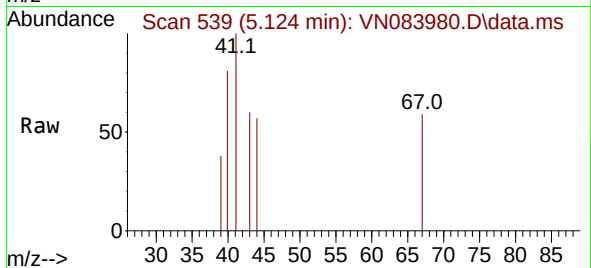
Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



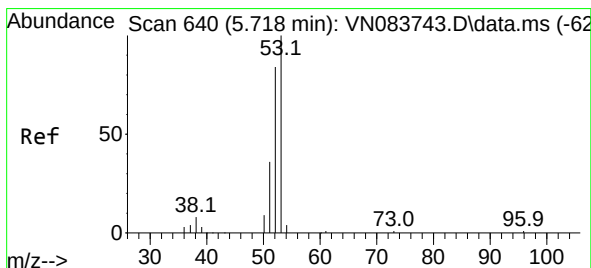
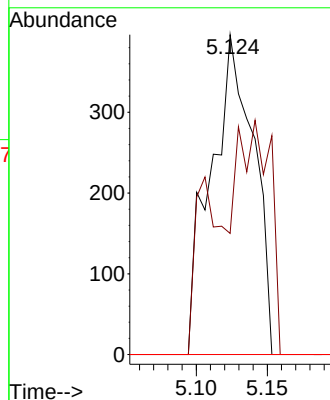
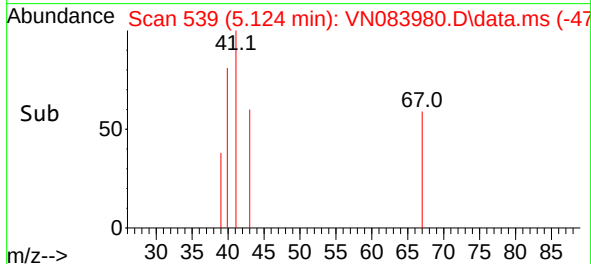


#14
 Allyl chloride
 Concen: 0.251 ug/l
 RT: 5.124 min Scan# 51
 Delta R.T. 0.106 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15

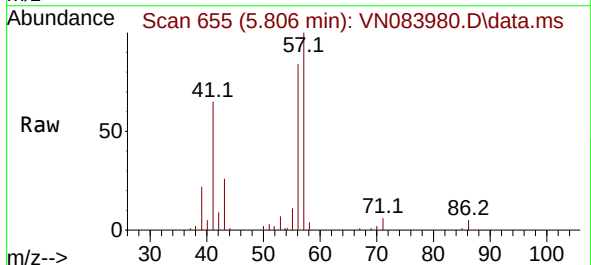
Instrument :
 MSVOA_N
 ClientSampleId :



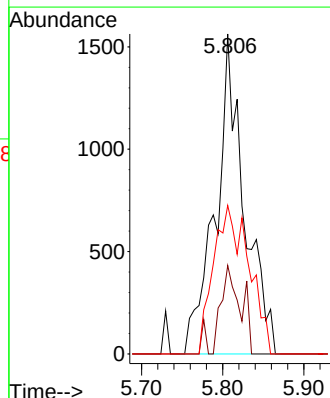
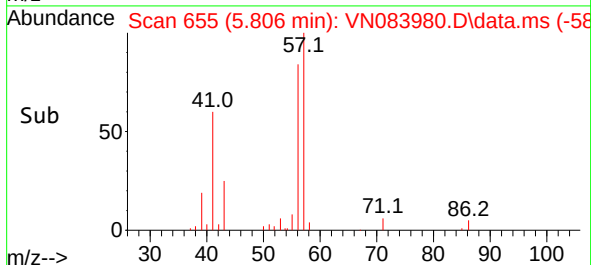
Tgt Ion: 41 Resp: 829
 Ion Ratio Lower Upper
 41 100
 39 55.0 59.3 88.9#
 76 0.0 27.7 41.5#

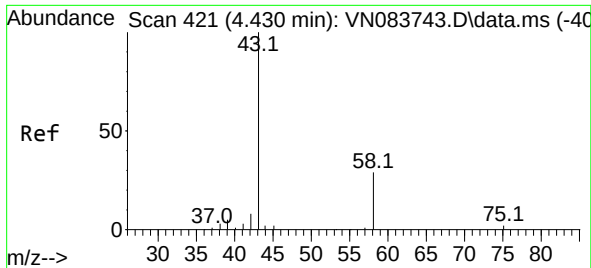


#15
 Acrylonitrile
 Concen: 4.079 ug/l
 RT: 5.806 min Scan# 655
 Delta R.T. 0.088 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15



Tgt Ion: 53 Resp: 3846
 Ion Ratio Lower Upper
 53 100
 52 18.6 66.1 99.1#
 51 57.1 29.6 44.4#





#16

Acetone

Concen: 21.771 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

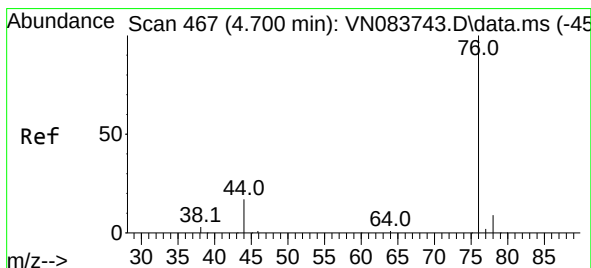
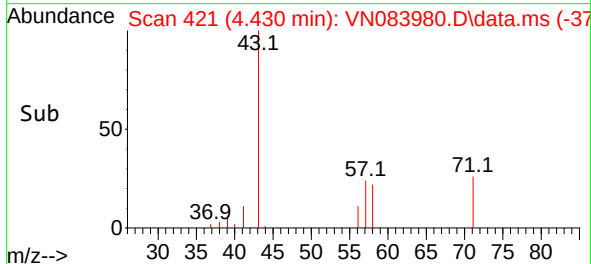
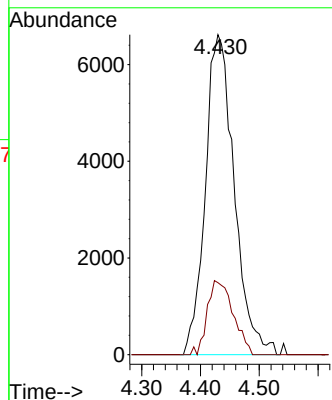
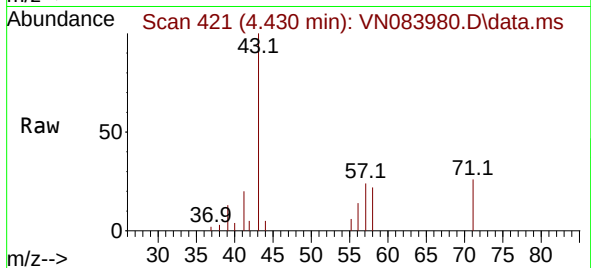
ClientSampleId :

Tgt Ion: 43 Resp: 22596

Ion Ratio Lower Upper

43 100

58 22.5 23.7 35.5#



#17

Carbon Disulfide

Concen: 1.298 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.017 min

Lab File: VN083980.D

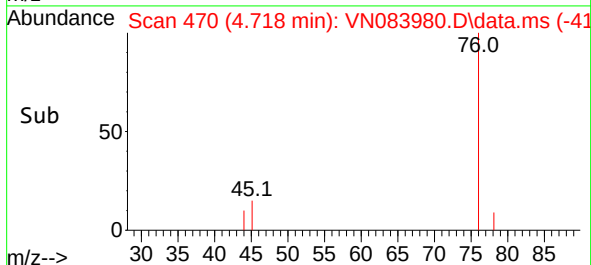
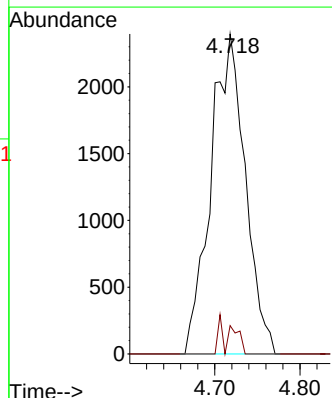
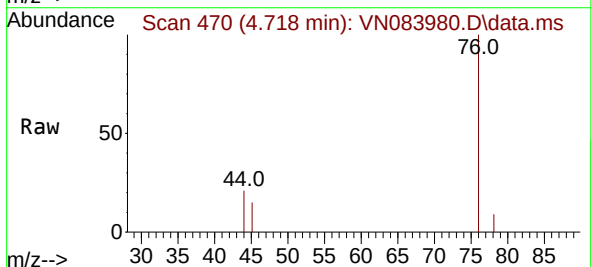
Acq: 18 Sep 2024 14:15

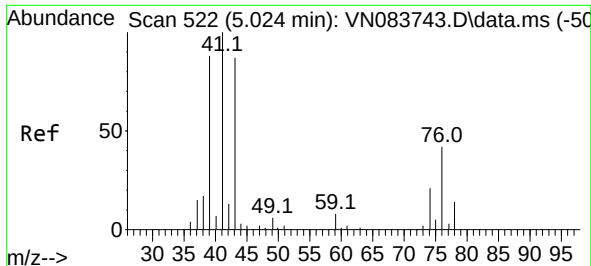
Tgt Ion: 76 Resp: 6743

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

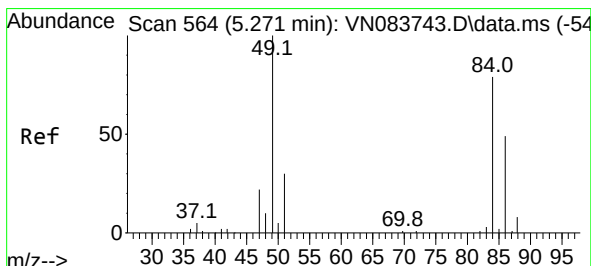
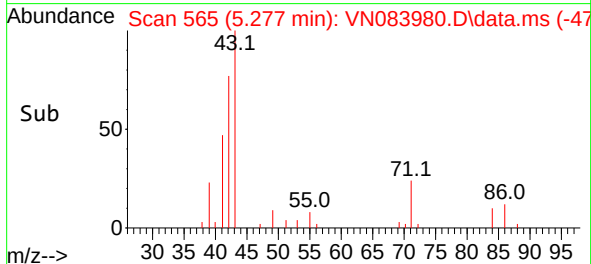
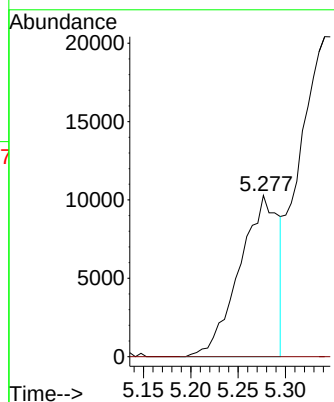
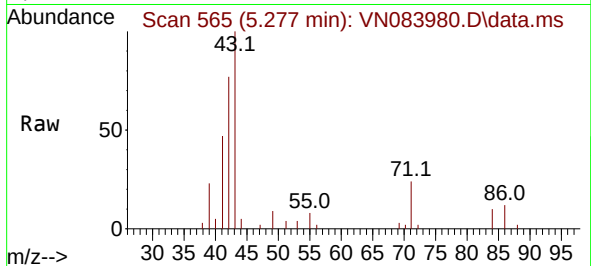




#18
Methyl Acetate
Concen: 12.296 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.253 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

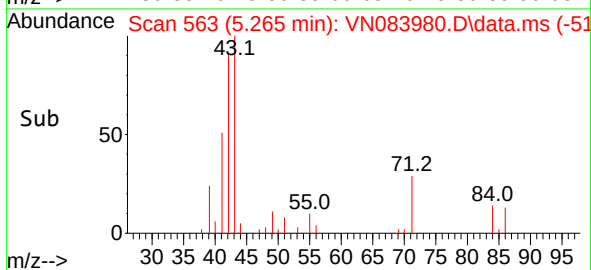
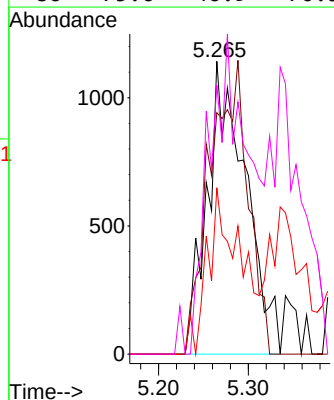
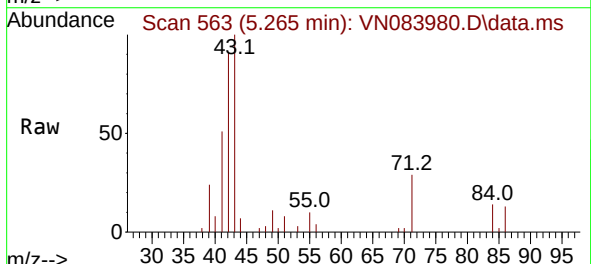
Instrument :
MSVOA_N
ClientSampleId :

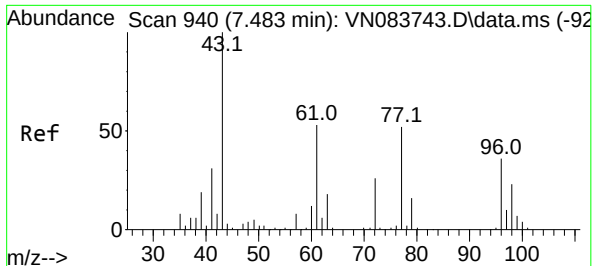
Tgt Ion: 43 Resp: 29617
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#20
Methylene Chloride
Concen: 1.606 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 84 Resp: 3411
Ion Ratio Lower Upper
84 100
49 82.5 93.4 140.0#
51 56.8 29.2 43.8#
86 75.6 46.9 70.3#

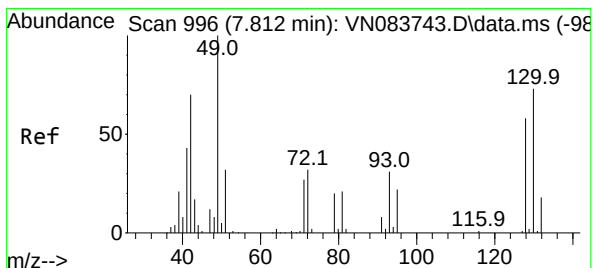
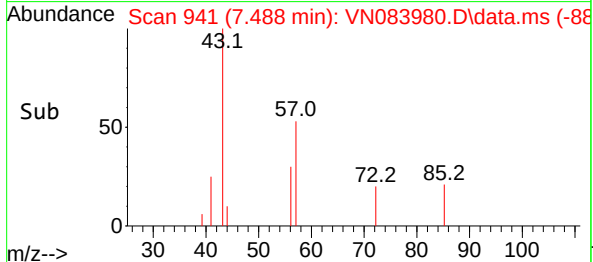
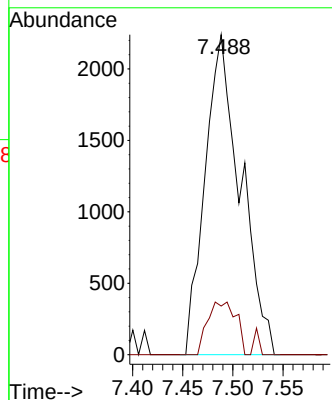
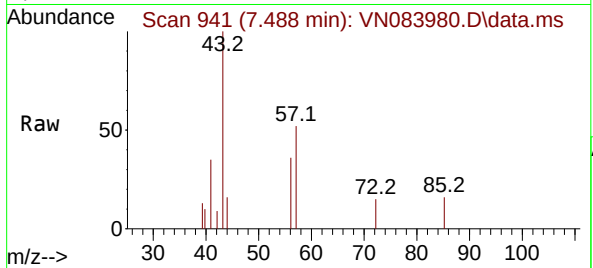




#25
2-Butanone
Concen: 4.053 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

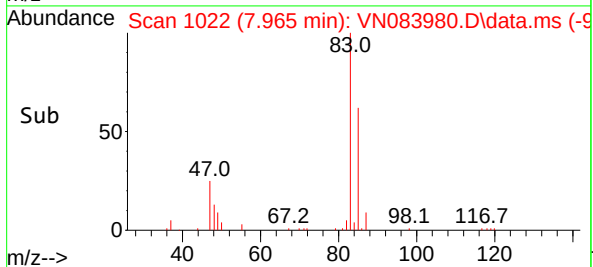
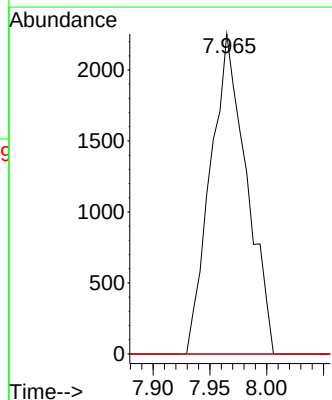
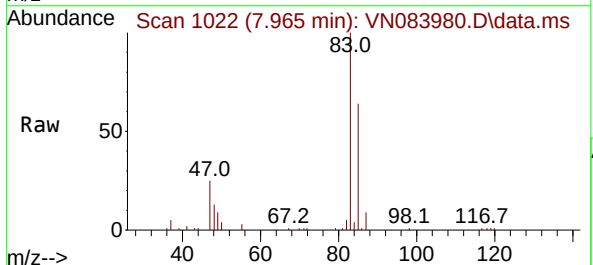
Instrument :
MSVOA_N
ClientSampleId :

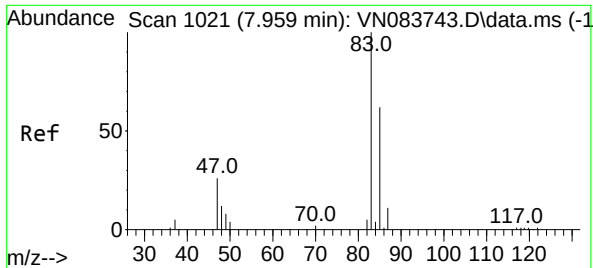
Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
72 15.2 20.8 31.2#



#28
Bromochloromethane
Concen: 3.016 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 49 Resp: 4985
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 60.2 90.2#

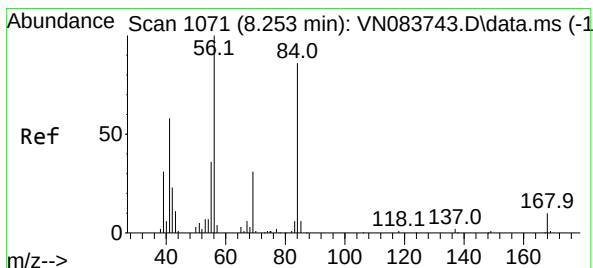
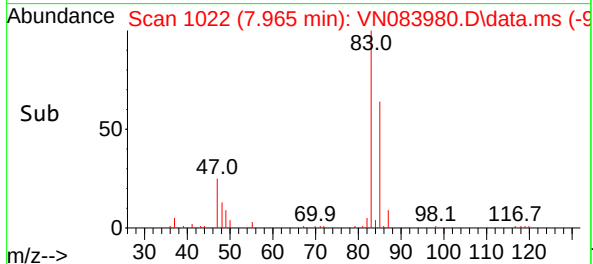
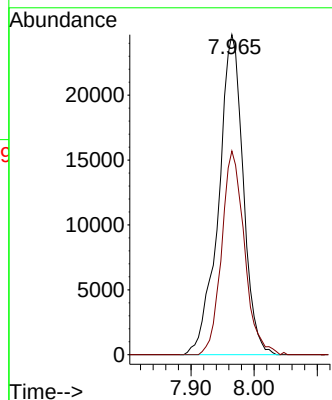
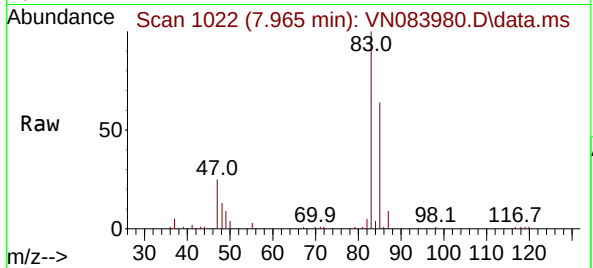




#30
Chloroform
Concen: 16.063 ug/l
RT: 7.965 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

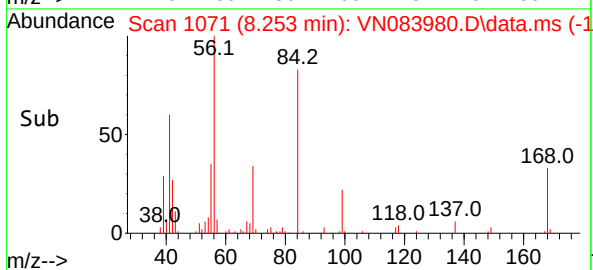
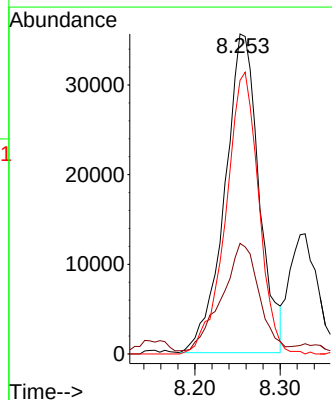
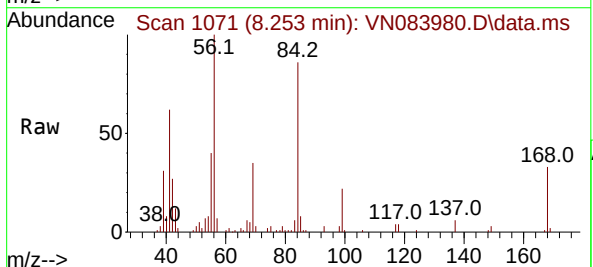
Instrument :
MSVOA_N
ClientSampleId :

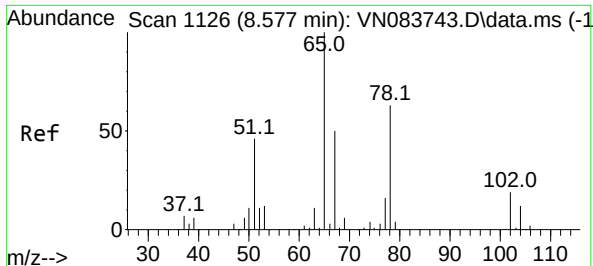
Tgt Ion: 83 Resp: 66926
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2



#31
Cyclohexane
Concen: 26.637 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 56 Resp: 99676
Ion Ratio Lower Upper
56 100
69 33.7 26.9 40.3
84 85.9 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 48.789 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

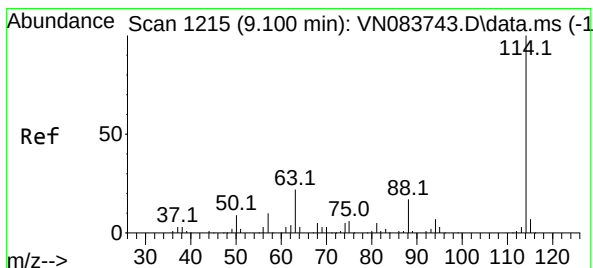
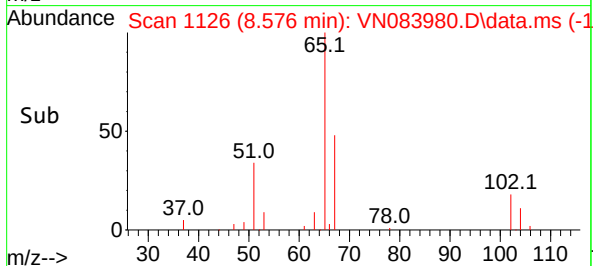
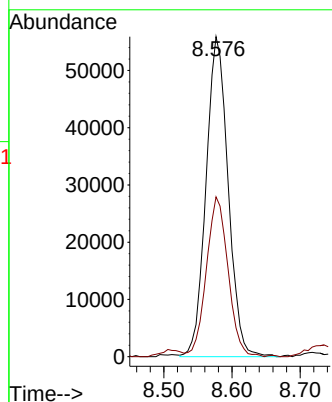
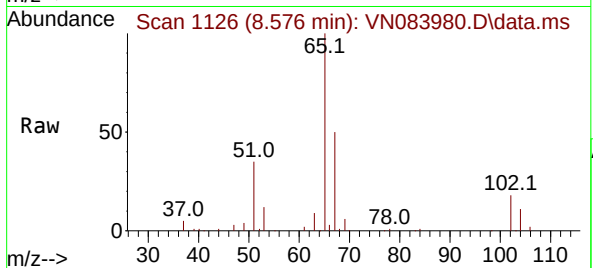
ClientSampleId :

Tgt Ion: 65 Resp: 126320

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

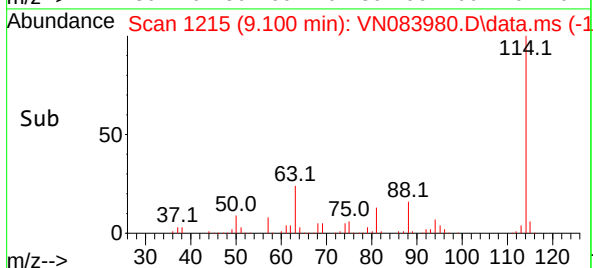
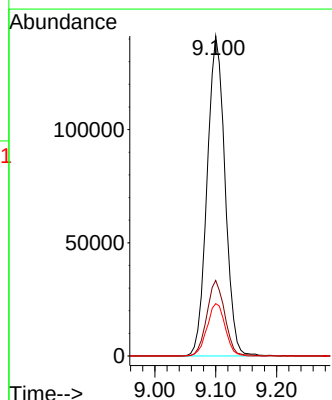
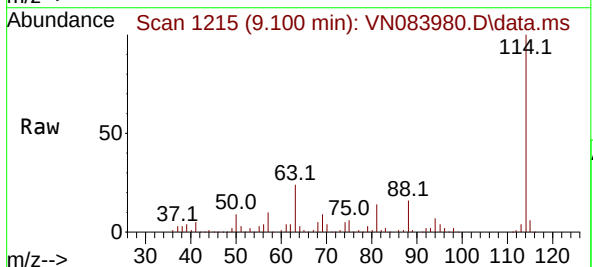
Tgt Ion: 114 Resp: 288563

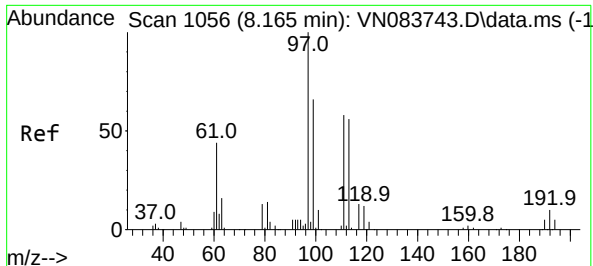
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

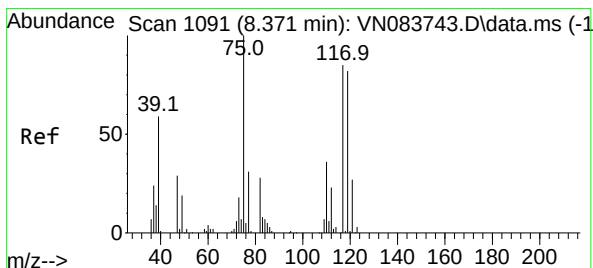
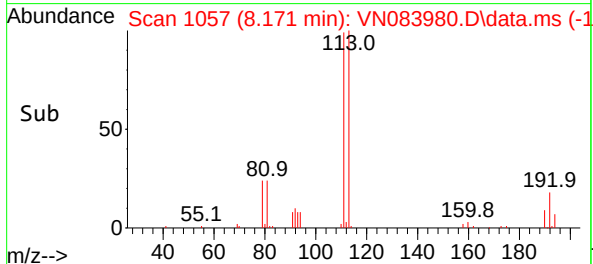
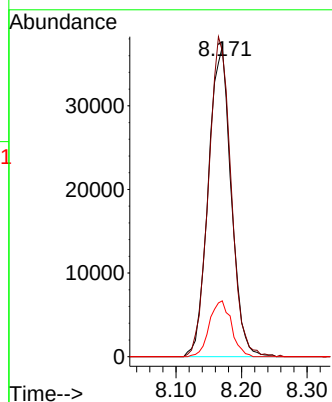
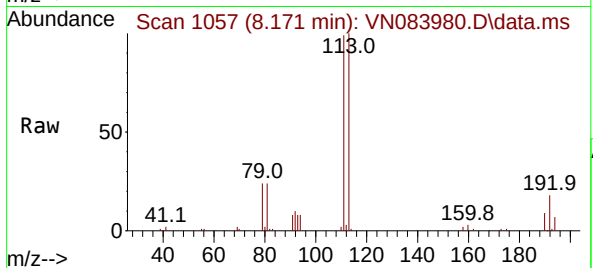
Tgt Ion:113 Resp: 89665

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 6.039 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

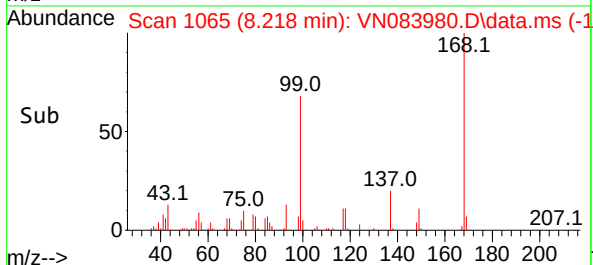
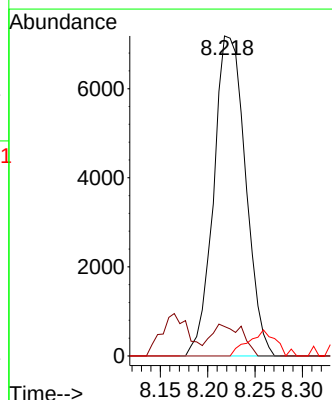
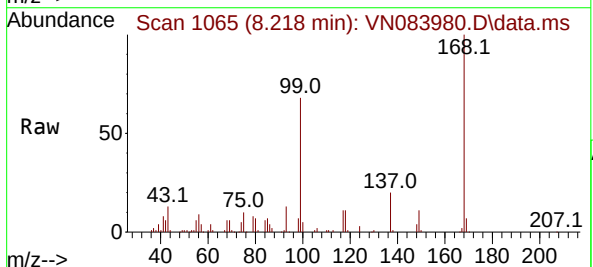
Tgt Ion: 75 Resp: 16792

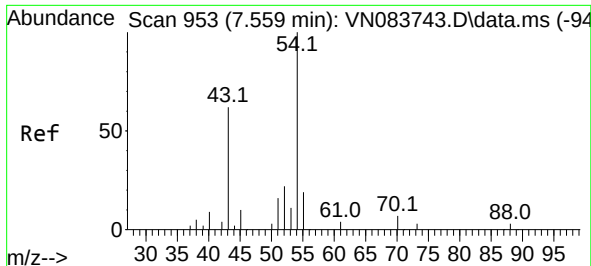
Ion Ratio Lower Upper

75 100

110 9.6 16.7 50.1#

77 0.0 25.2 37.8#

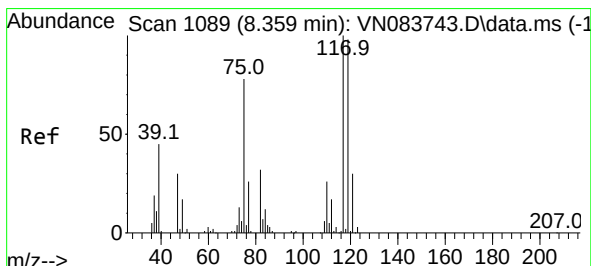
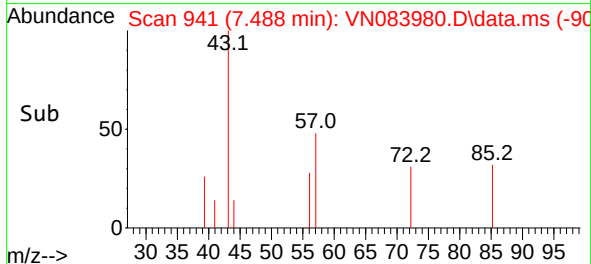
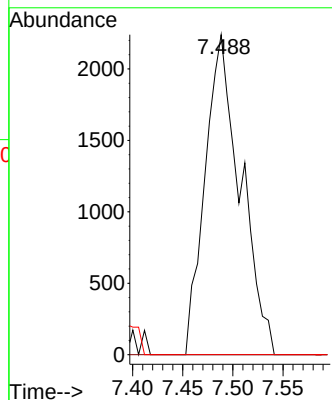
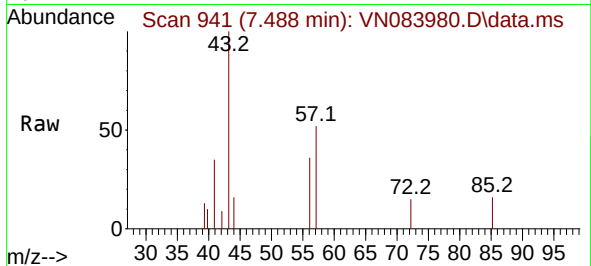




#37
Ethyl Acetate
Concen: 2.191 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

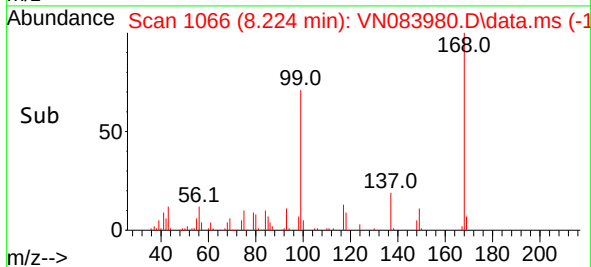
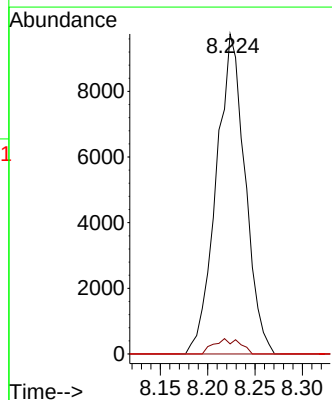
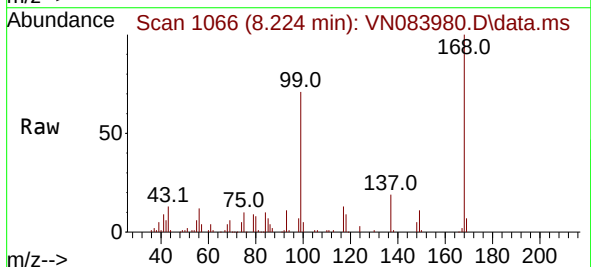
Instrument :
MSVOA_N
ClientSampleId :

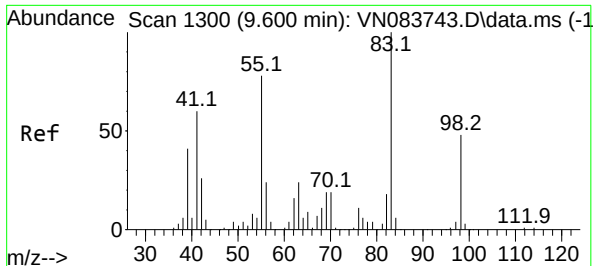
Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.549 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 117 Resp: 20660
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 163.170 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

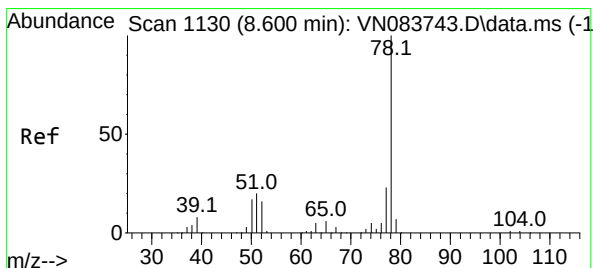
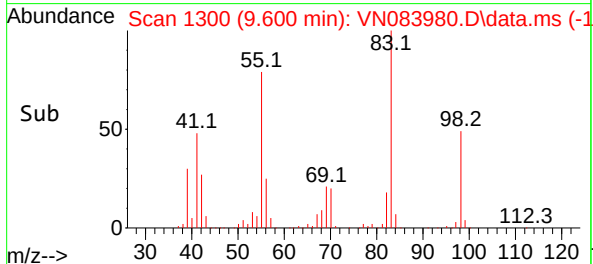
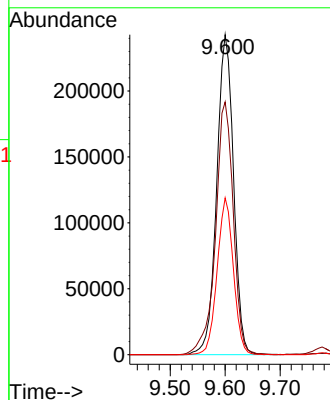
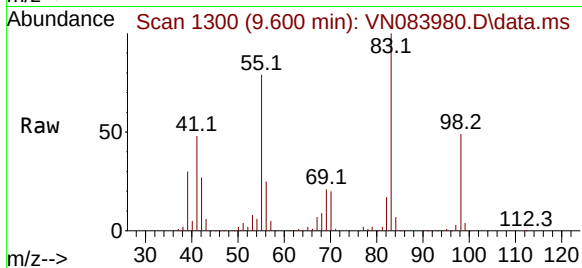
Tgt Ion: 83 Resp: 516420

Ion Ratio Lower Upper

83 100

55 78.9 62.2 93.4

98 49.0 37.6 56.4



#40

Benzene

Concen: 0.619 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083980.D

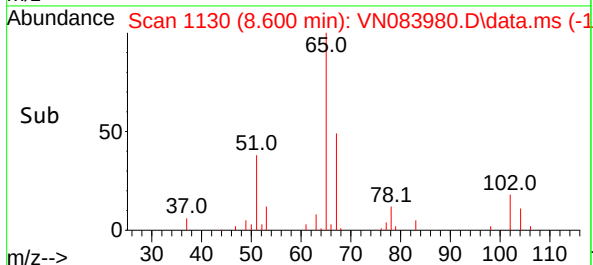
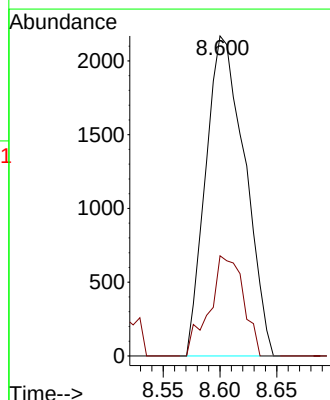
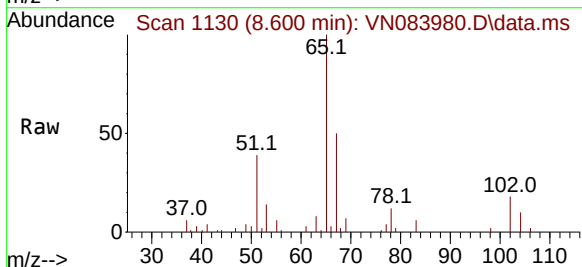
Acq: 18 Sep 2024 14:15

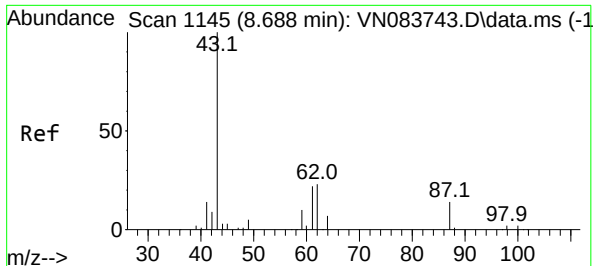
Tgt Ion: 78 Resp: 5182

Ion Ratio Lower Upper

78 100

77 31.3 19.0 28.6#





#43

Isopropyl Acetate

Concen: 2.956 ug/l

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

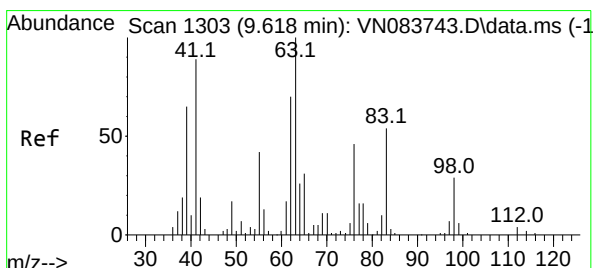
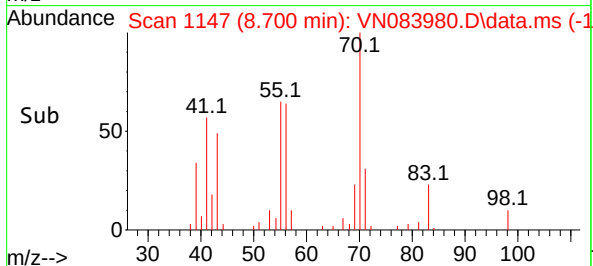
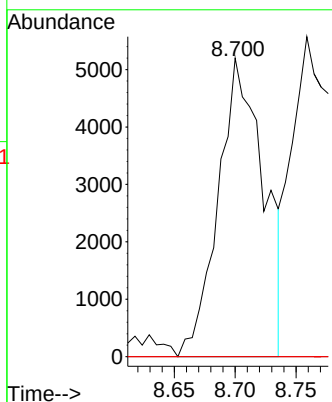
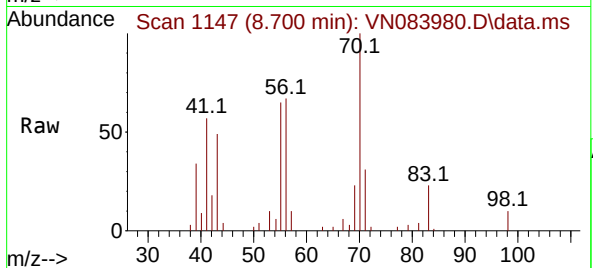
Tgt Ion: 43 Resp: 13521

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#45

1,2-Dichloropropane

Concen: 3.028 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.018 min

Lab File: VN083980.D

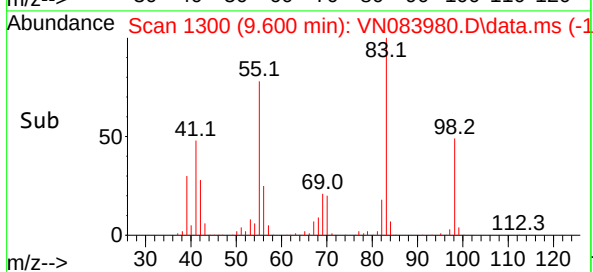
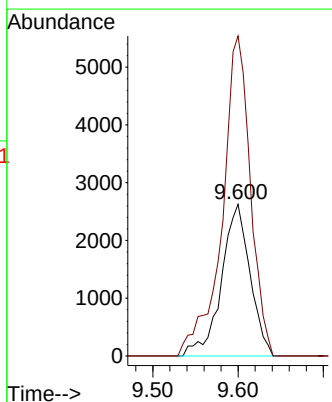
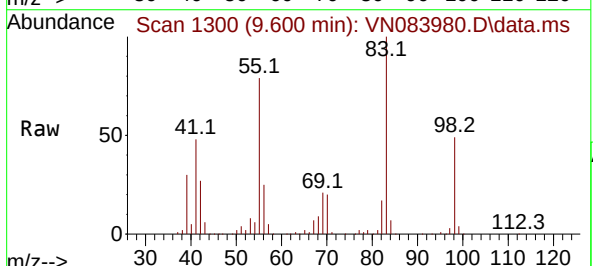
Acq: 18 Sep 2024 14:15

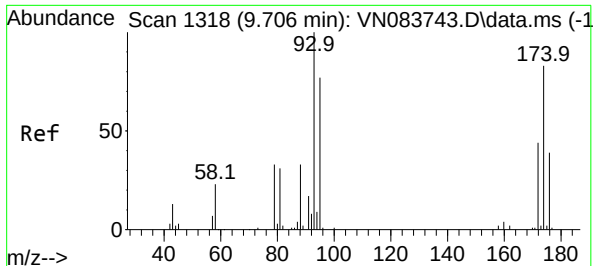
Tgt Ion: 63 Resp: 6124

Ion Ratio Lower Upper

63 100

65 211.0 25.9 38.9#





#46

Dibromomethane

Concen: 0.218 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.106 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

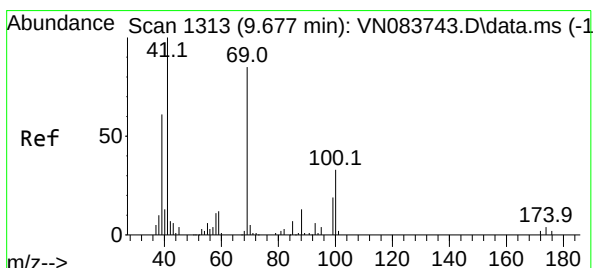
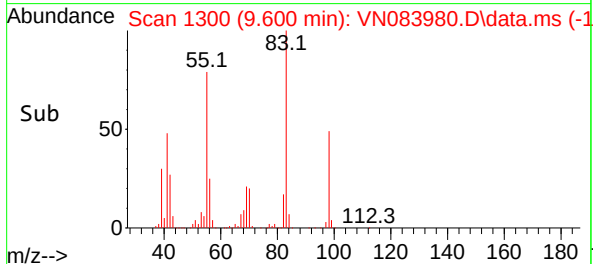
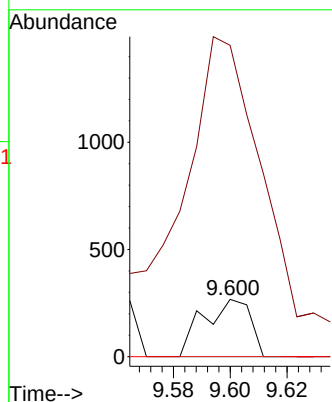
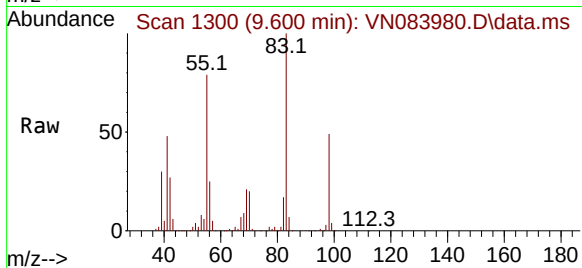
Tgt Ion: 93 Resp: 309

Ion Ratio Lower Upper

93 100

95 1168.0 65.3 97.9#

174 0.0 71.0 106.4#



#48

Methyl methacrylate

Concen: 124.727 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.077 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

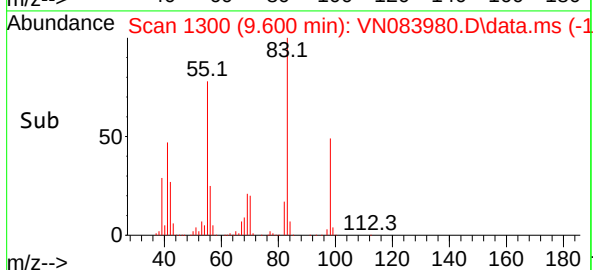
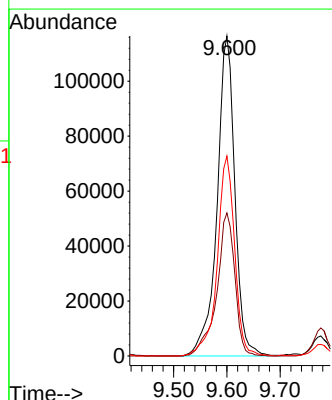
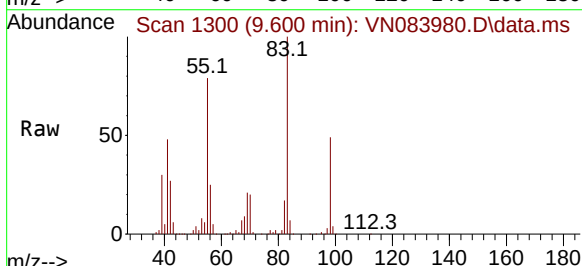
Tgt Ion: 41 Resp: 270646

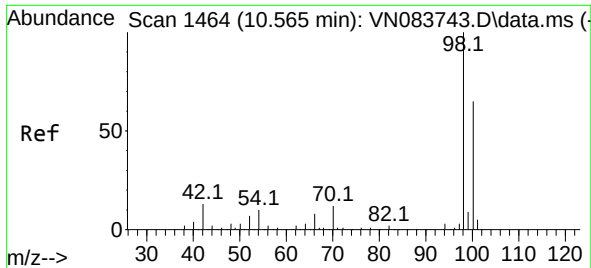
Ion Ratio Lower Upper

41 100

69 45.5 64.3 96.5#

39 61.2 48.9 73.3

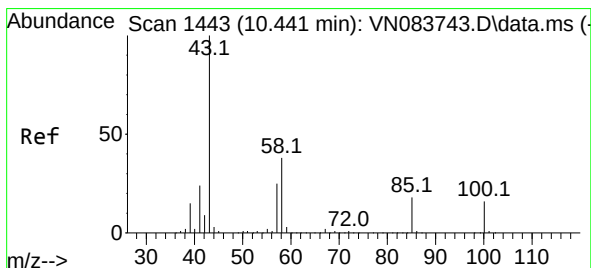
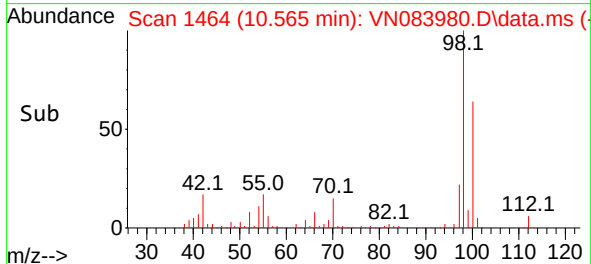
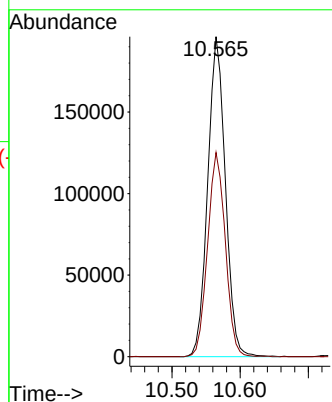
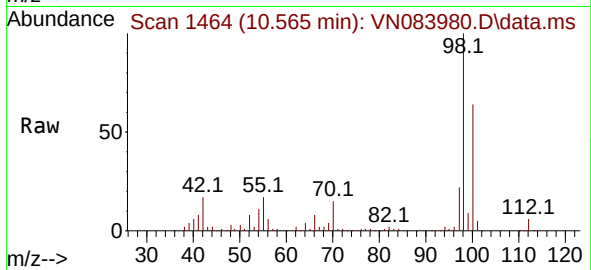




#50
Toluene-d8
Concen: 55.284 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

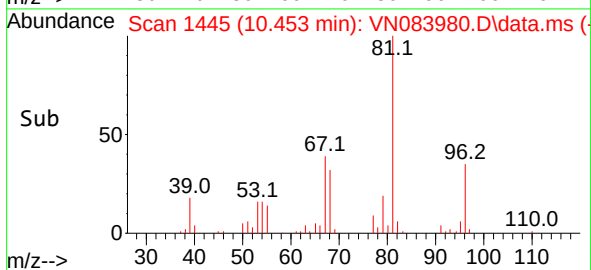
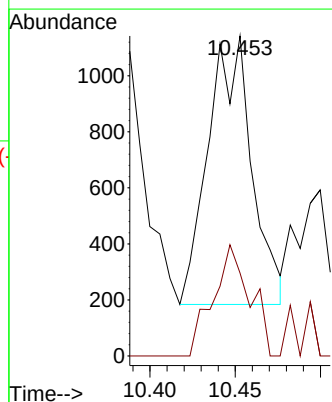
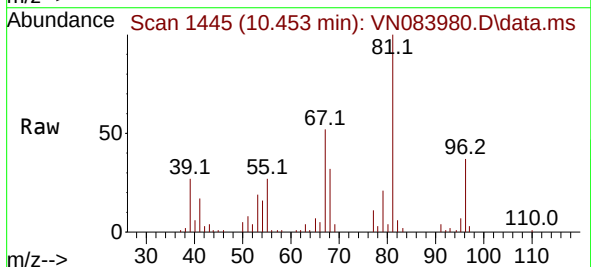
Instrument :
MSVOA_N
ClientSampleId :

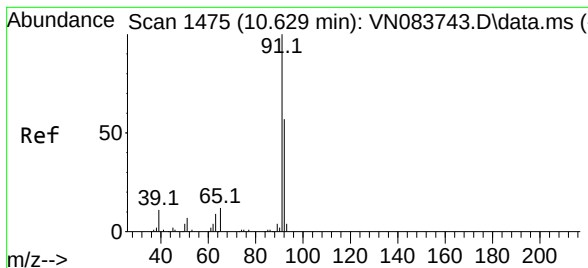
Tgt Ion: 98 Resp: 353061
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 43 Resp: 1697
Ion Ratio Lower Upper
43 100
58 35.1 31.6 47.4





#52

Toluene

Concen: 0.590 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

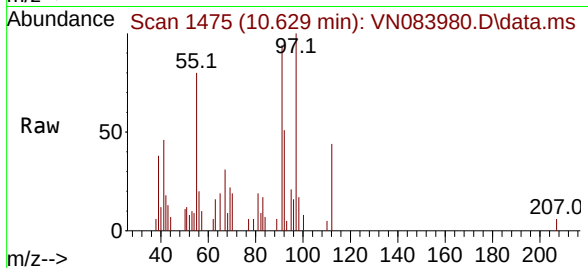
Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

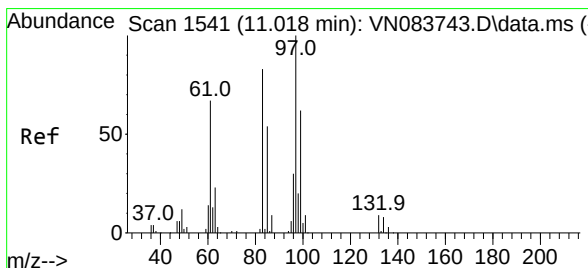
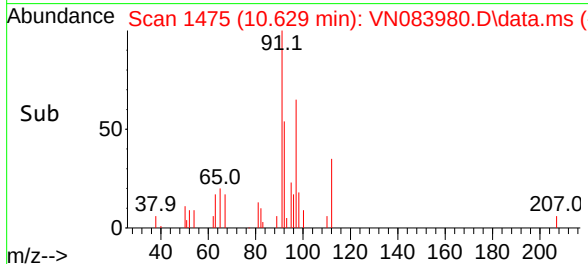
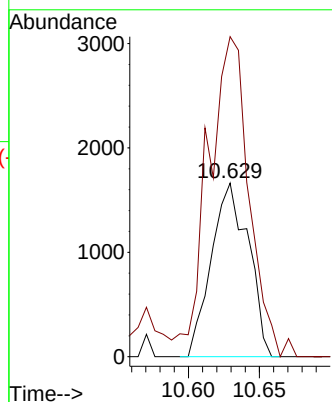


Tgt Ion: 92 Resp: 3020

Ion Ratio Lower Upper

92 100

91 203.6 134.7 202.1#



#55

1,1,2-Trichloroethane

Concen: 13.603 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Tgt Ion: 97 Resp: 25997

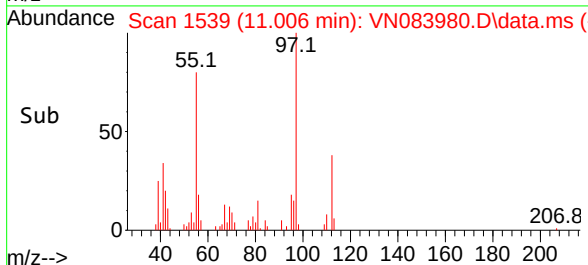
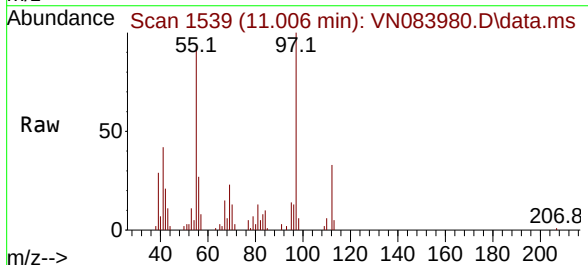
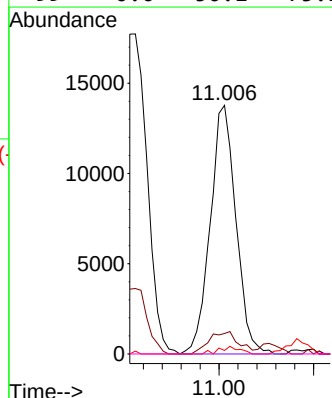
Ion Ratio Lower Upper

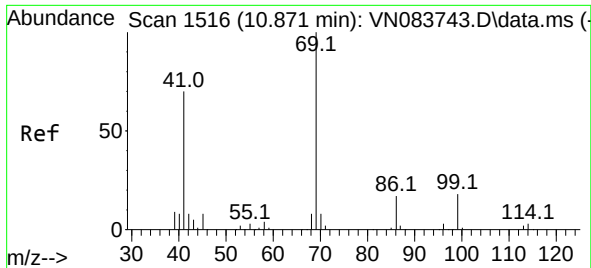
97 100

83 8.3 67.5 101.3#

85 1.4 44.2 66.2#

99 0.0 50.1 75.1#

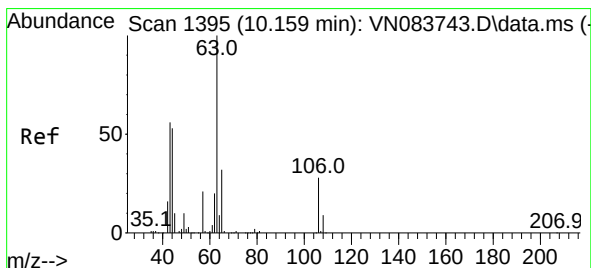
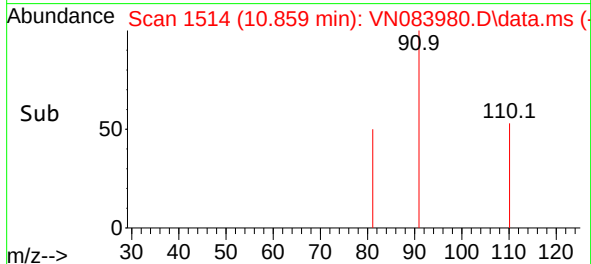
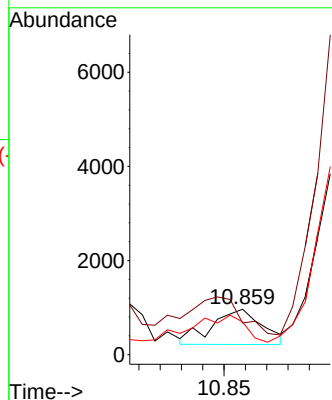
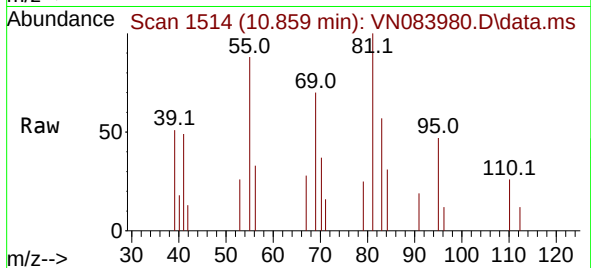




#56
Ethyl methacrylate
Concen: 0.419 ug/l
RT: 10.859 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

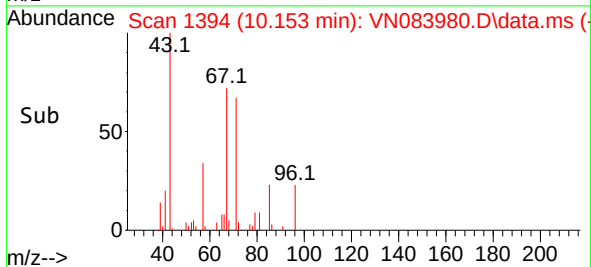
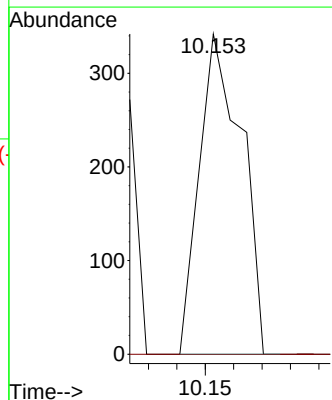
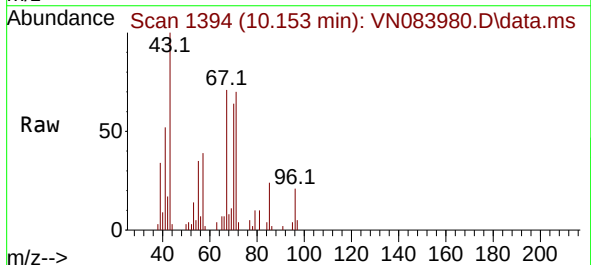
Instrument :
MSVOA_N
ClientSampleId :

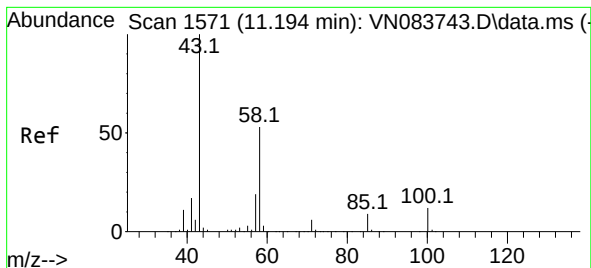
Tgt Ion: 69 Resp: 1233
Ion Ratio Lower Upper
69 100
41 135.0 53.9 80.9#
39 80.8 32.6 48.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.333 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 63 Resp: 353
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

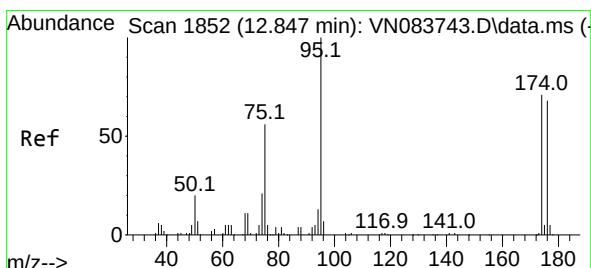
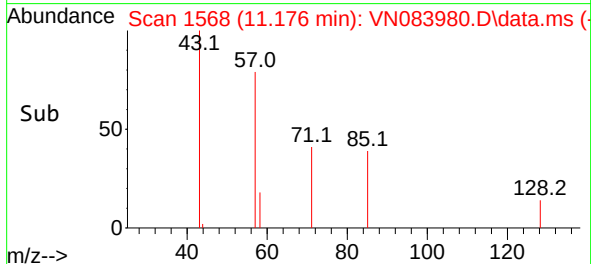
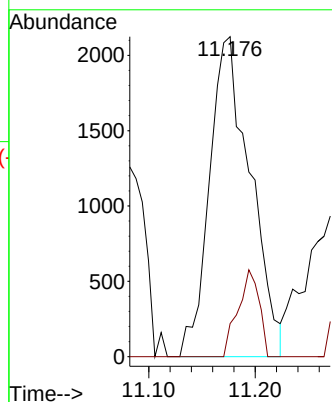
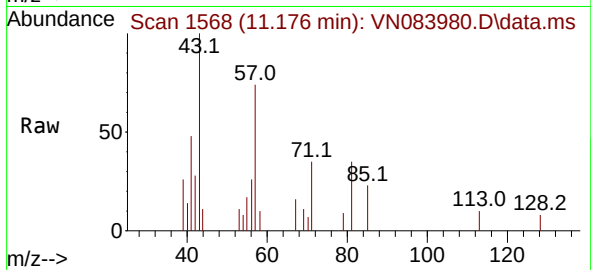




#59
2-Hexanone
Concen: 3.070 ug/l
RT: 11.176 min Scan# 1156
Delta R.T. -0.018 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

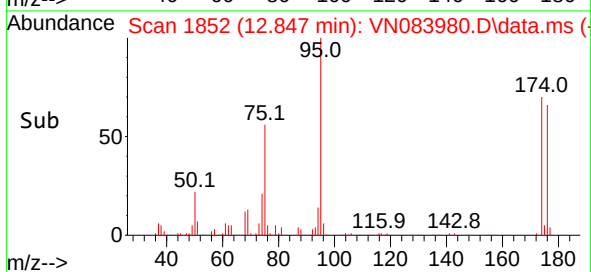
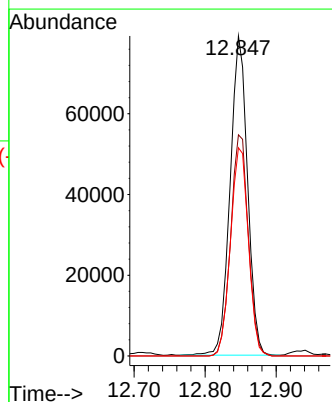
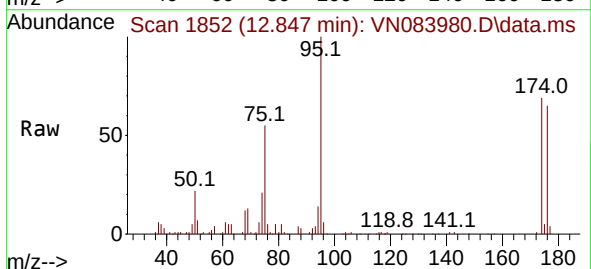
Instrument :
MSVOA_N
ClientSampleId :

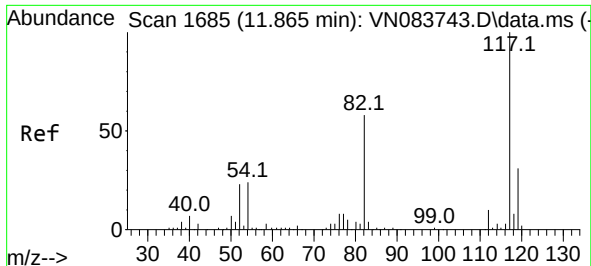
Tgt Ion: 43 Resp: 5654
Ion Ratio Lower Upper
43 100
58 14.0 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 51.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 95 Resp: 134673
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 67.0 0.0 131.4

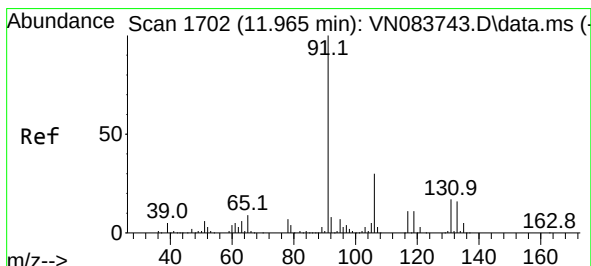
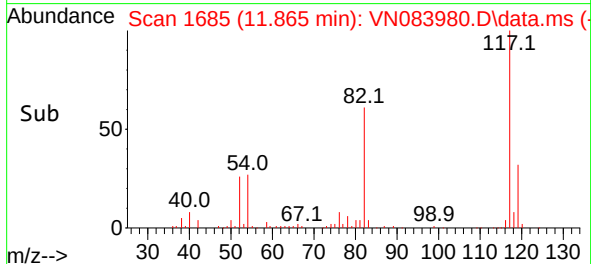
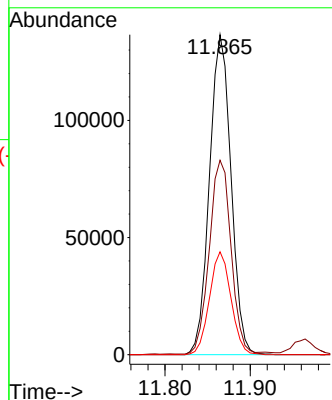
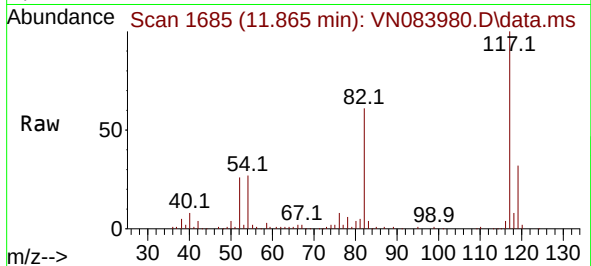




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

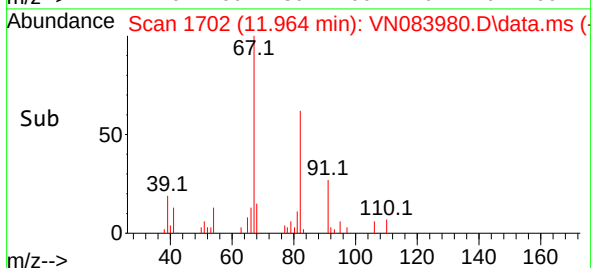
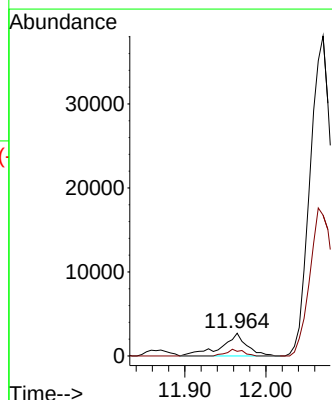
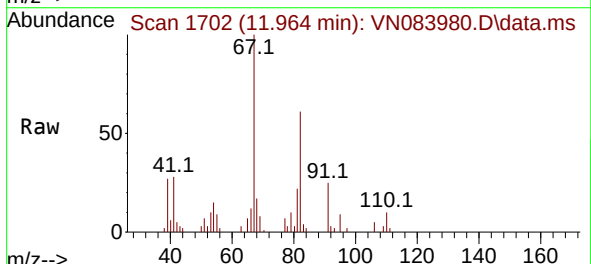
Instrument :
MSVOA_N
ClientSampleId :

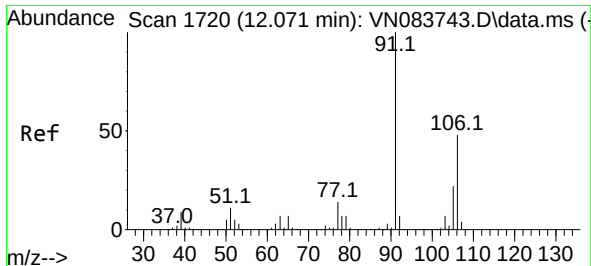
Tgt Ion:117 Resp: 240211
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 32.2 26.3 39.5



#67
Ethyl Benzene
Concen: 0.623 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 91 Resp: 5906
Ion Ratio Lower Upper
91 100
106 20.6 24.3 36.5#

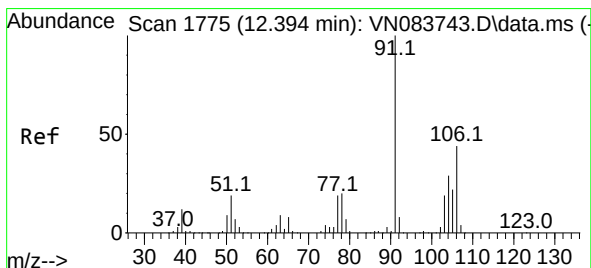
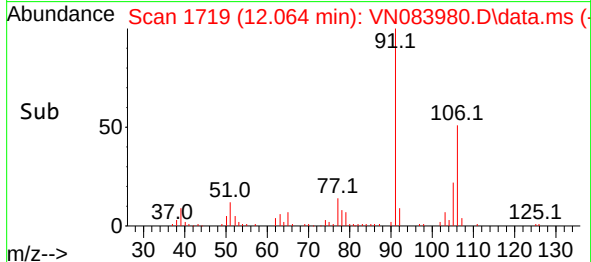
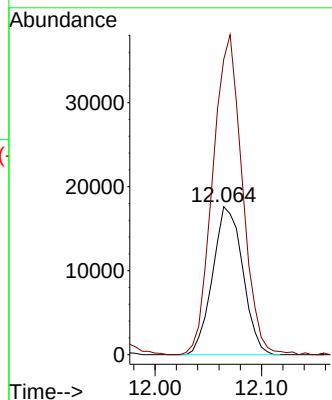
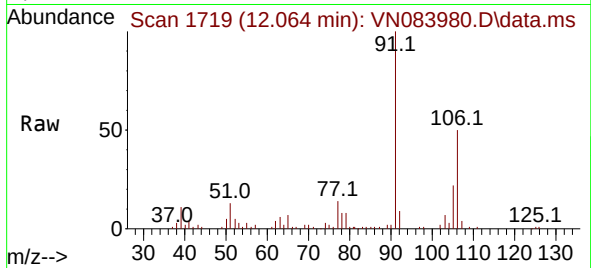




#68
m/p-Xylenes
Concen: 9.834 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

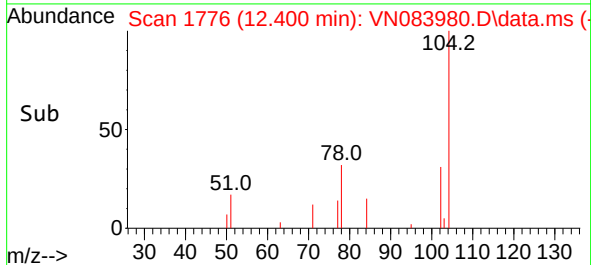
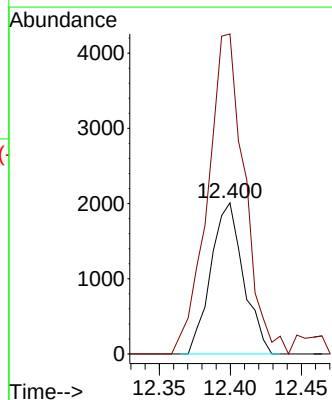
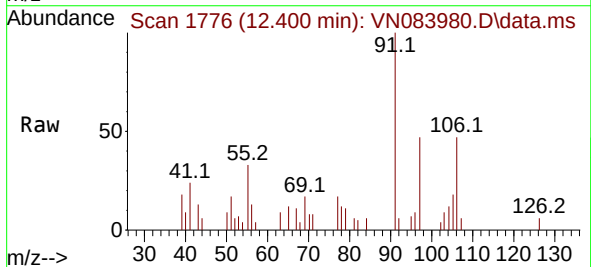
Instrument :
MSVOA_N
ClientSampleId :

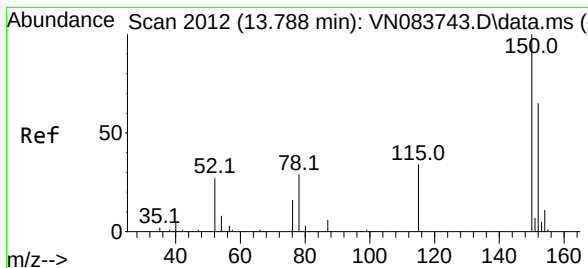
Tgt Ion:106 Resp: 34626
Ion Ratio Lower Upper
106 100
91 211.7 169.2 253.8



#69
o-Xylene
Concen: 0.941 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

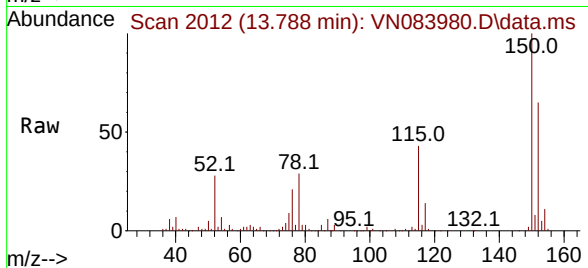
Tgt Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 240.0 112.9 338.6



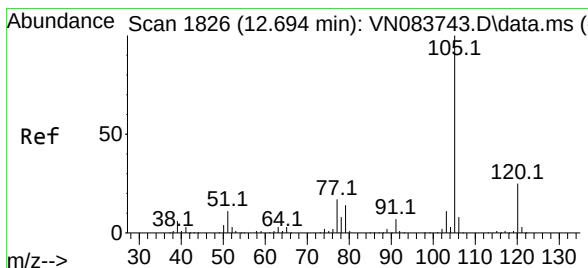
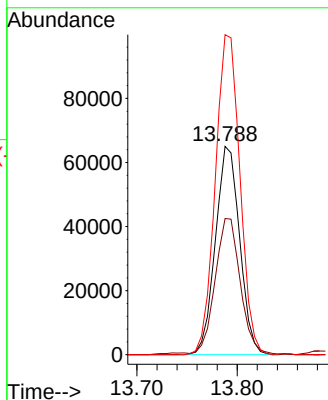
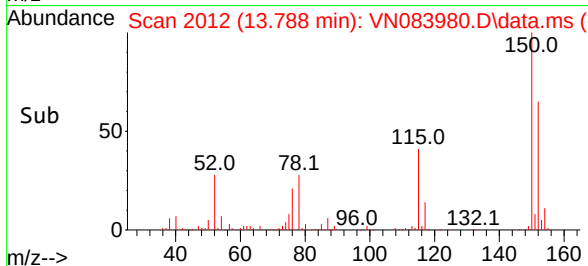


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15

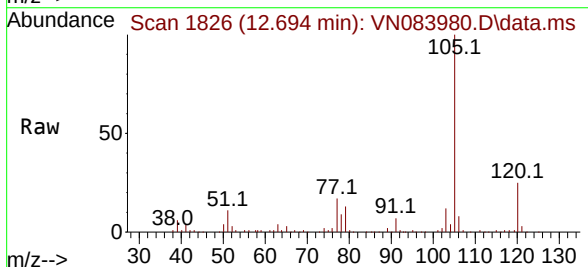
Instrument :
 MSVOA_N
 ClientSampleId :



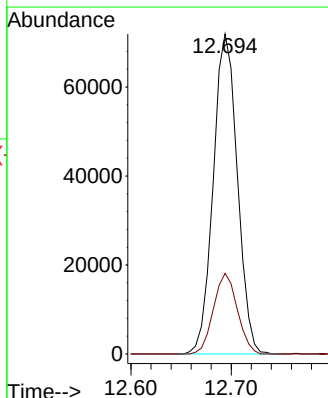
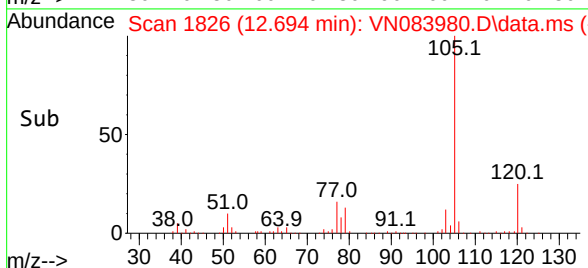
Tgt Ion:152 Resp: 109285
 Ion Ratio Lower Upper
 152 100
 115 68.1 32.2 96.6
 150 155.9 0.0 348.6

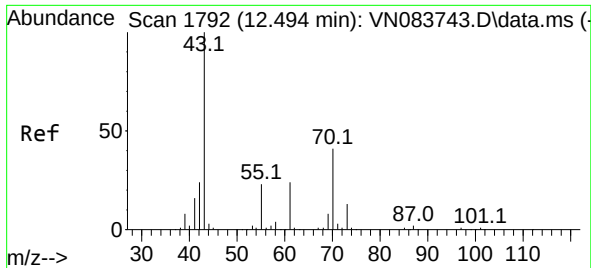


#73
 Isopropylbenzene
 Concen: 14.173 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15



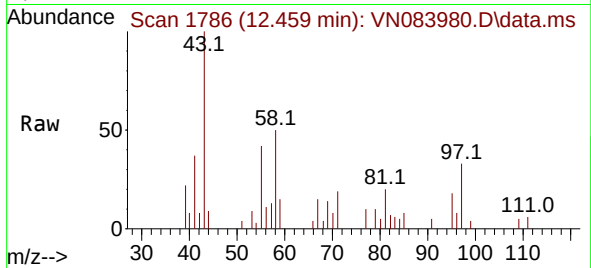
Tgt Ion:105 Resp: 119831
 Ion Ratio Lower Upper
 105 100
 120 24.9 12.6 37.8



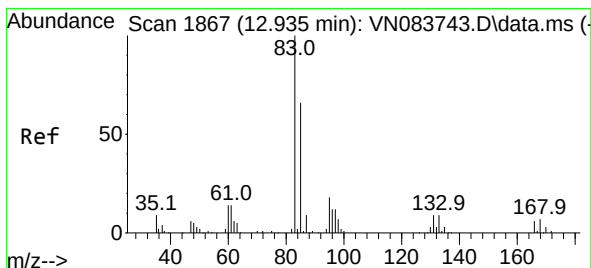
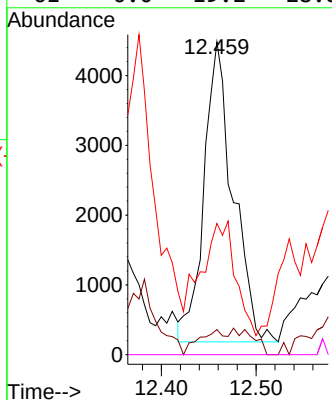
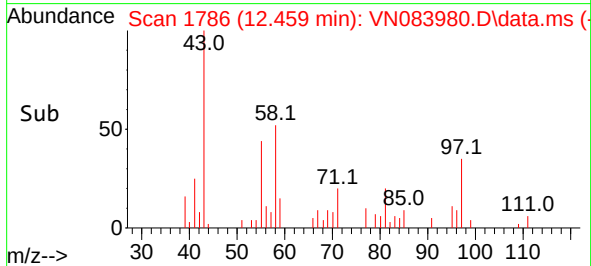


#74
N-amy1 acetate
Concen: 2.533 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

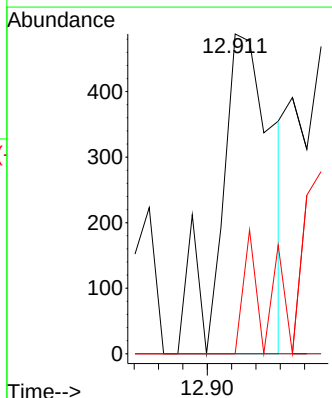
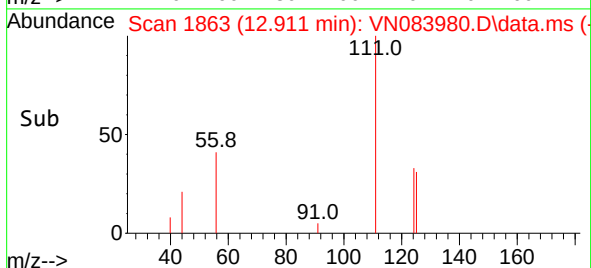
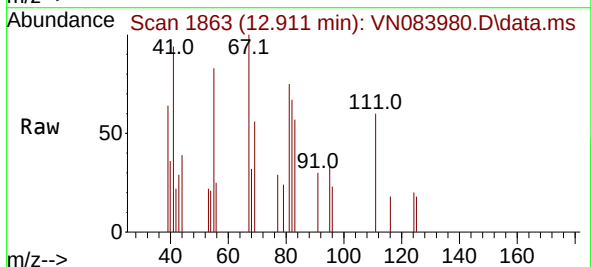


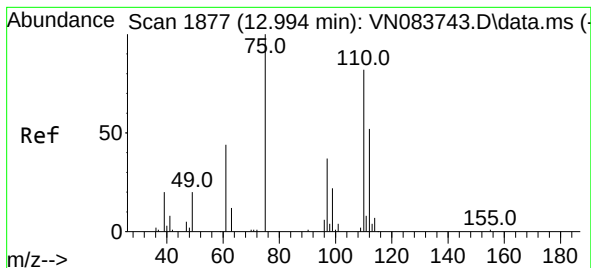
Tgt Ion:	43	Resp:	9139
Ion	Ratio	Lower	Upper
43	100		
70	7.9	34.5	51.7#
55	0.0	18.6	28.0#
61	0.0	19.2	28.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.293 ug/l
RT: 12.911 min Scan# 1863
Delta R.T. -0.024 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion:	83	Resp:	728
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	9.2	31.9	95.9#





#76

1,2,3-Trichloropropane

Concen: 34.699 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

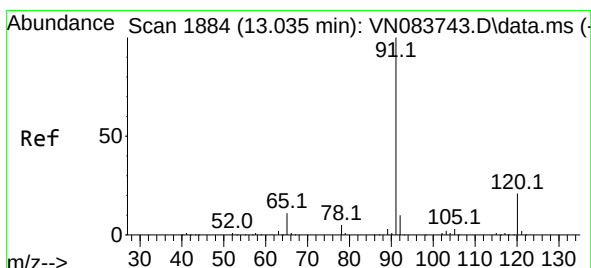
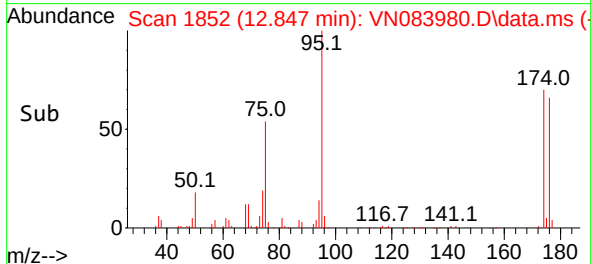
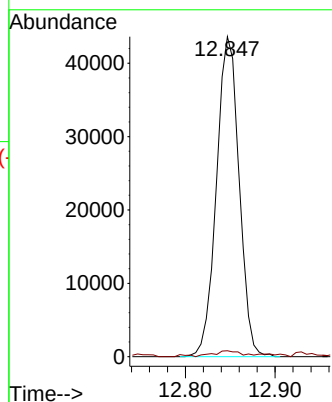
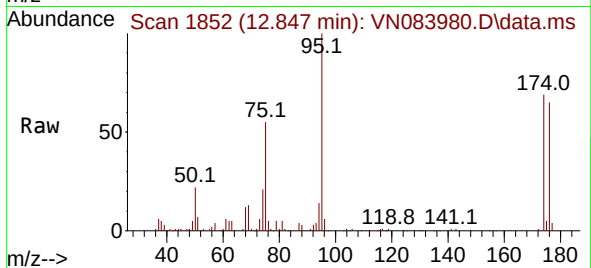
ClientSampleId :

Tgt Ion: 75 Resp: 76517

Ion Ratio Lower Upper

75 100

77 2.3 95.2 285.6#



#78

n-propylbenzene

Concen: 20.772 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083980.D

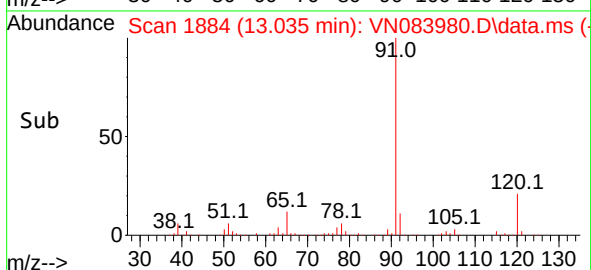
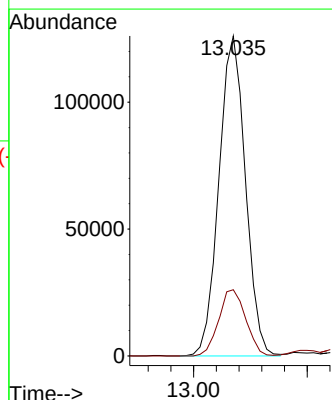
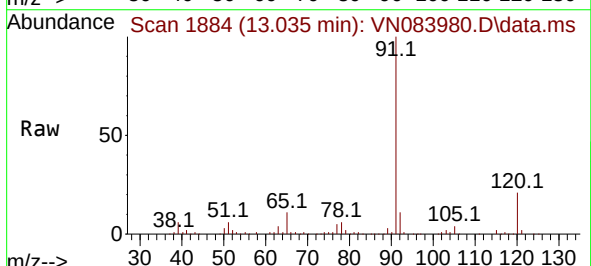
Acq: 18 Sep 2024 14:15

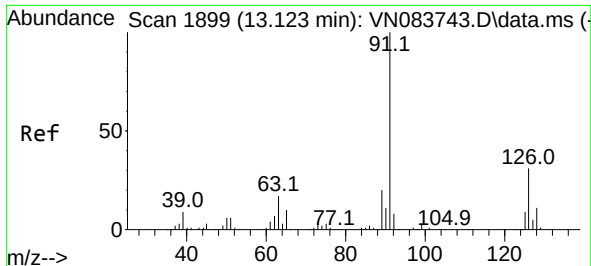
Tgt Ion: 91 Resp: 204348

Ion Ratio Lower Upper

91 100

120 21.1 11.0 33.0

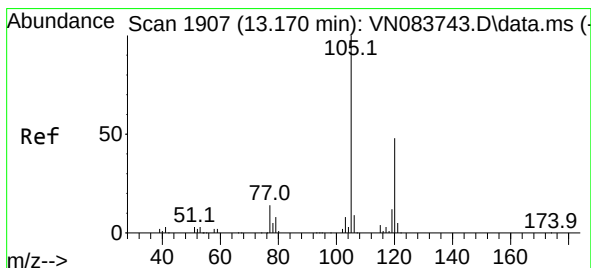
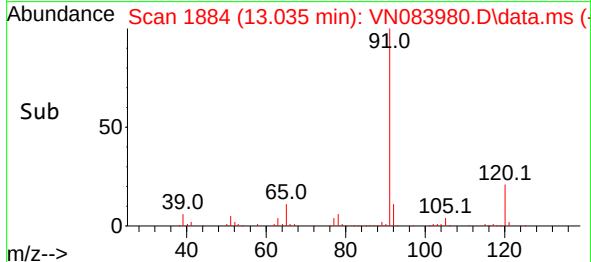
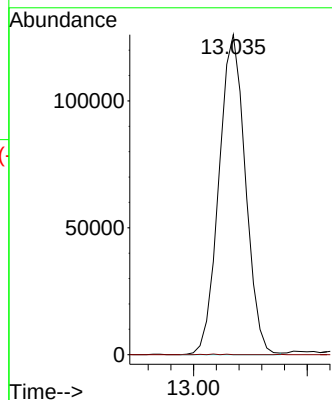
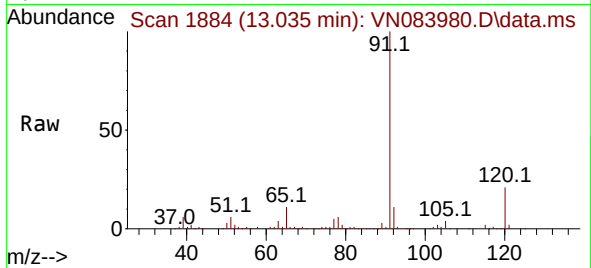




#79
2-Chlorotoluene
Concen: 32.571 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

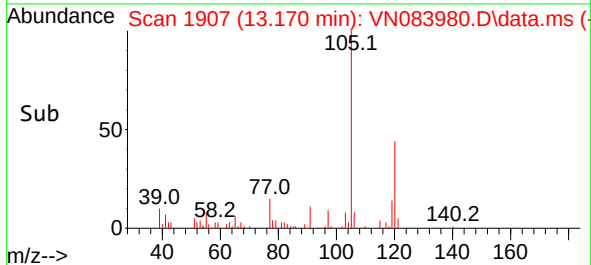
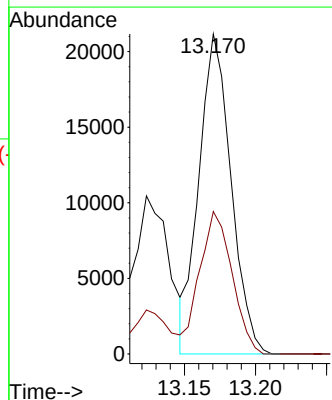
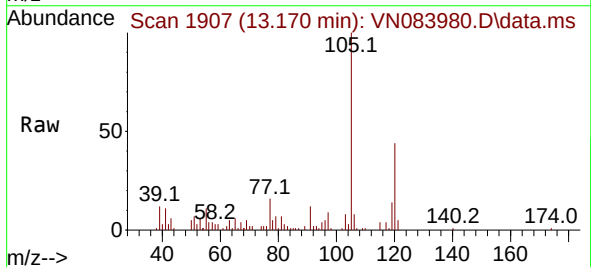
Instrument :
MSVOA_N
ClientSampleId :

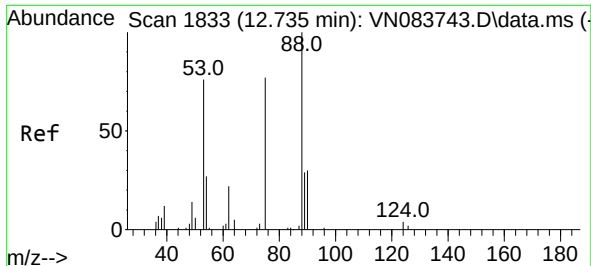
Tgt Ion: 91 Resp: 204348
Ion Ratio Lower Upper
91 100
126 0.1 15.4 46.2#



#80
1,3,5-Trimethylbenzene
Concen: 4.664 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 105 Resp: 33250
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.3

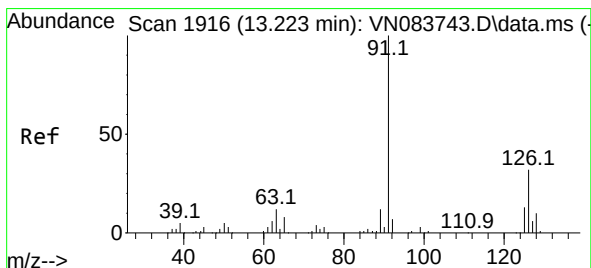
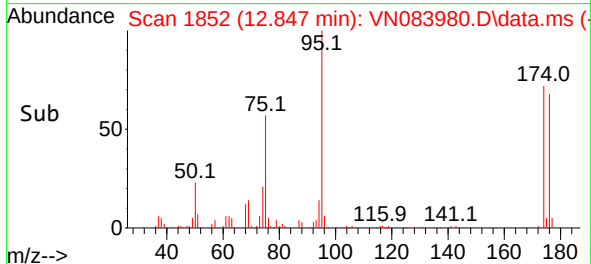
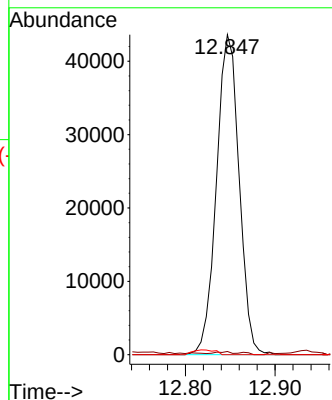
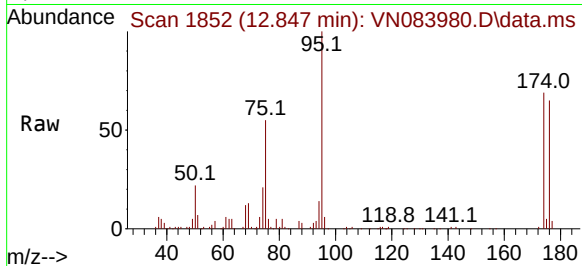




#81
trans-1,4-Dichloro-2-butene
Concen: 90.880 ug/l
RT: 12.847 min Scan# 1184
Delta R.T. 0.112 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

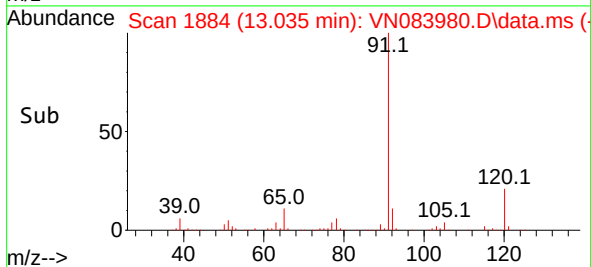
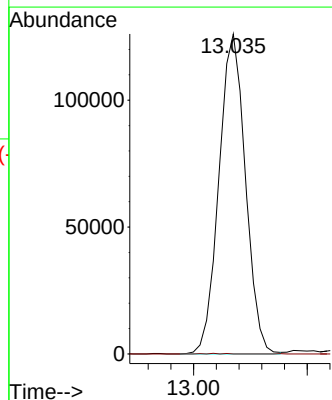
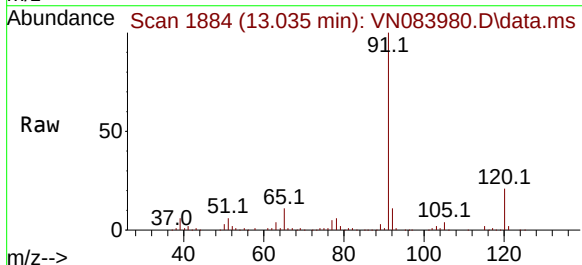
Instrument :
MSVOA_N
ClientSampleId :

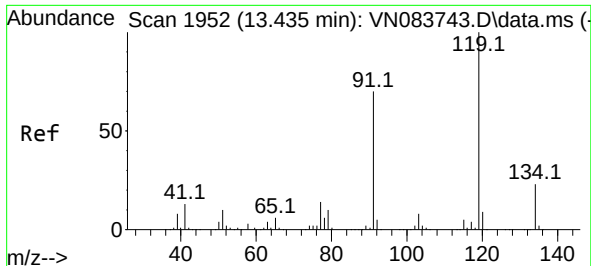
Tgt Ion: 75 Resp: 76517
Ion Ratio Lower Upper
75 100
53 0.3 81.2 121.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 32.457 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.188 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

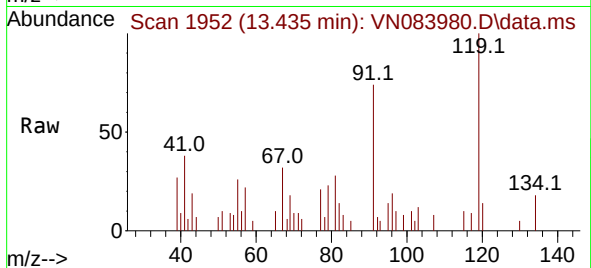
Tgt Ion: 91 Resp: 204348
Ion Ratio Lower Upper
91 100
126 0.1 15.4 46.2#



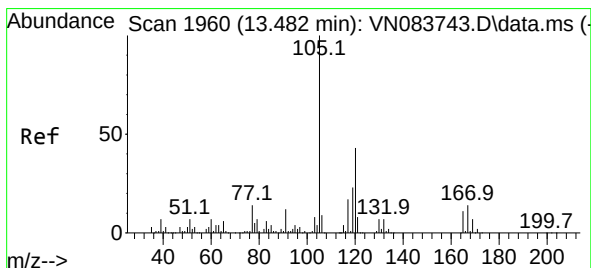
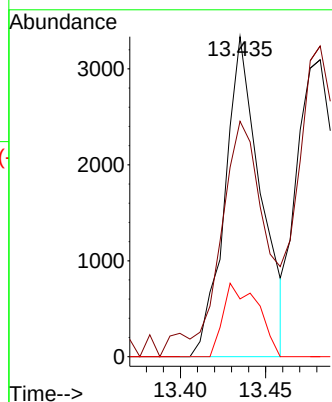
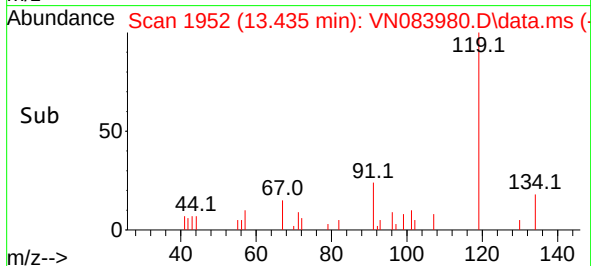


#83
tert-Butylbenzene
Concen: 0.785 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

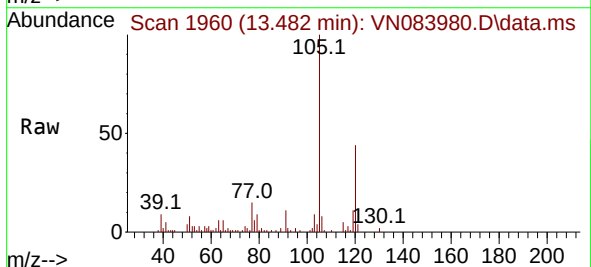
Instrument :
MSVOA_N
ClientSampleId :



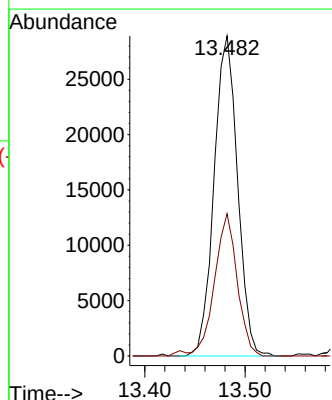
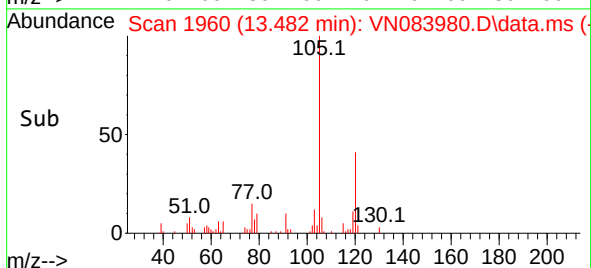
Tgt Ion:119 Resp: 4896
Ion Ratio Lower Upper
119 100
91 94.4 34.5 103.6
134 22.2 12.8 38.4

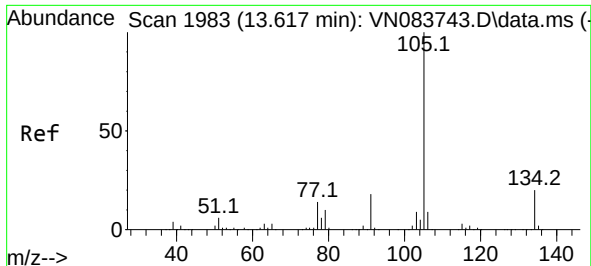


#84
1,2,4-Trimethylbenzene
Concen: 6.565 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15



Tgt Ion:105 Resp: 47011
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4

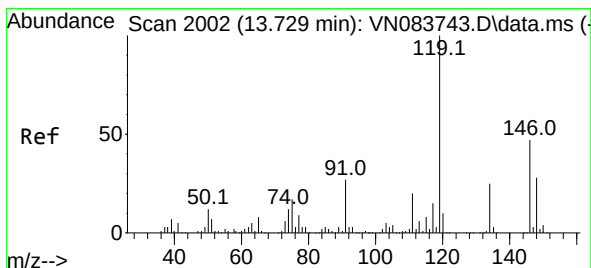
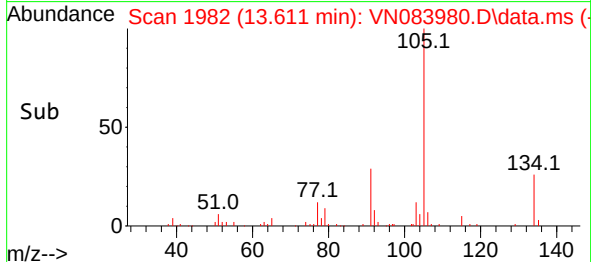
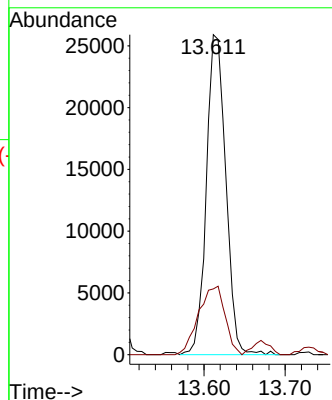
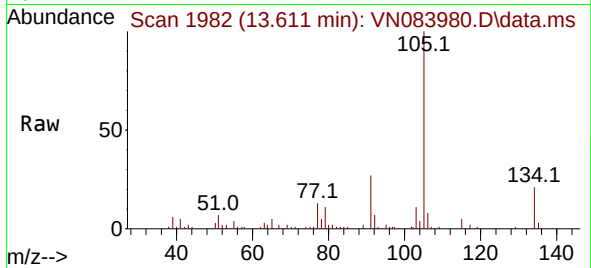




#85
 sec-Butylbenzene
 Concen: 5.195 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15

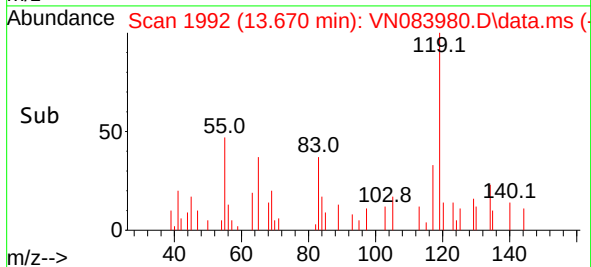
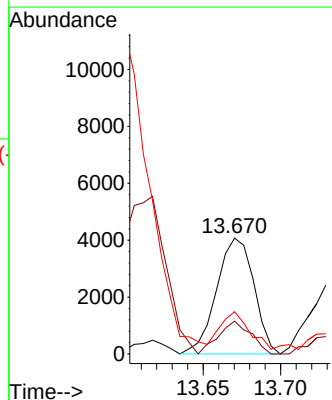
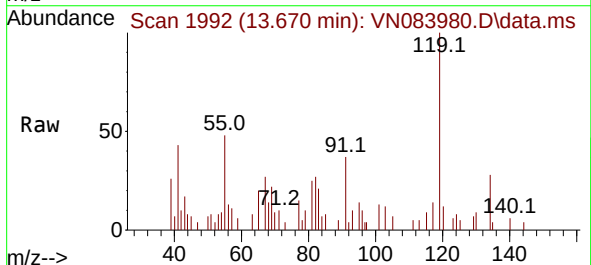
Instrument :
 MSVOA_N
 ClientSampleId :

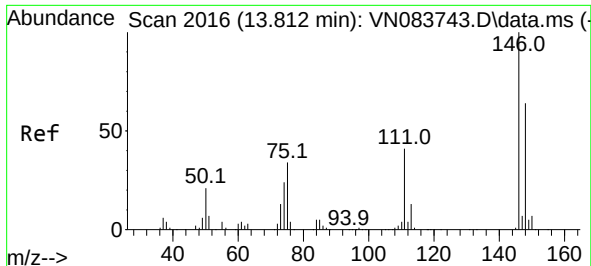
Tgt Ion:105 Resp: 42966
 Ion Ratio Lower Upper
 105 100
 134 29.2 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 0.984 ug/l
 RT: 13.670 min Scan# 1992
 Delta R.T. -0.059 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15

Tgt Ion:119 Resp: 6819
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 21.1 12.9 38.7

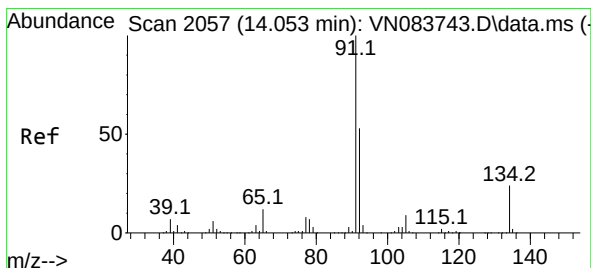
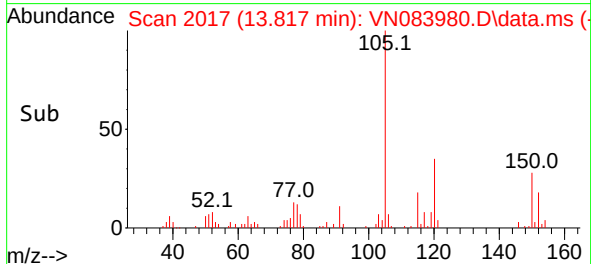
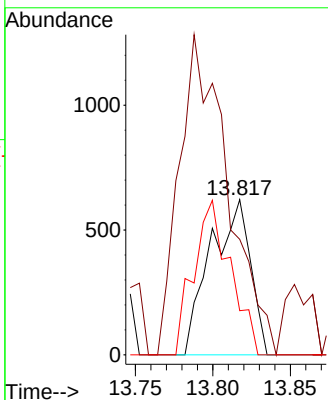
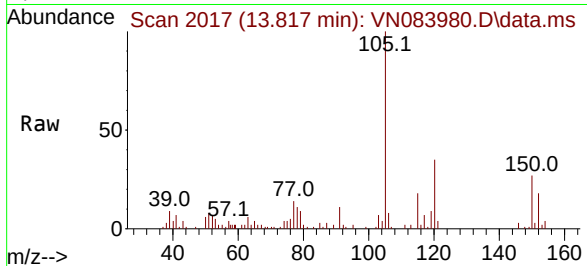




#88
1,4-Dichlorobenzene
Concen: 0.286 ug/l
RT: 13.817 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

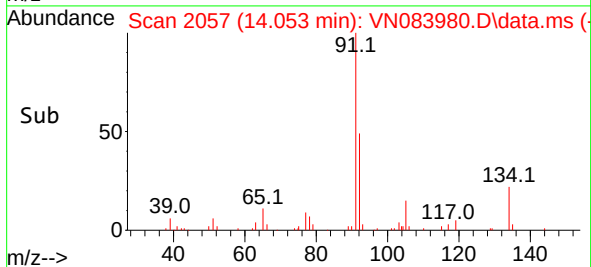
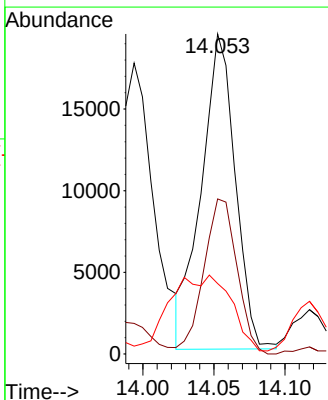
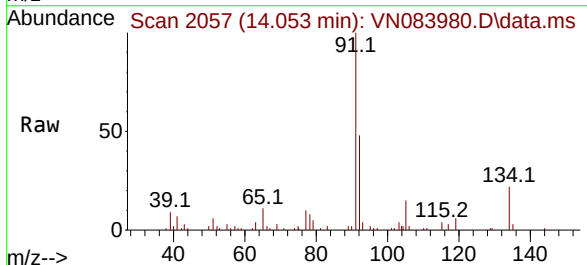
Instrument :
MSVOA_N
ClientSampleId :

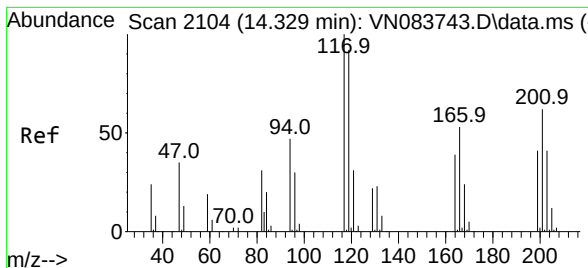
Tgt Ion:146 Resp: 1113
Ion Ratio Lower Upper
146 100
111 0.0 21.3 64.0#
148 0.0 32.0 96.2#



#89
n-Butylbenzene
Concen: 5.164 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 91 Resp: 32148
Ion Ratio Lower Upper
91 100
92 48.0 26.7 80.1
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 11.255 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

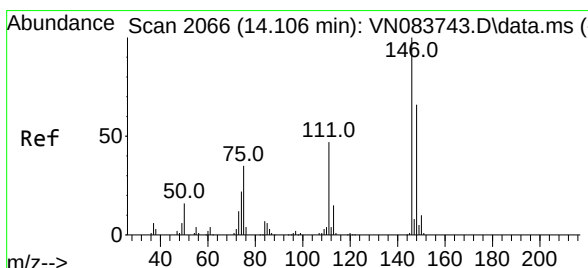
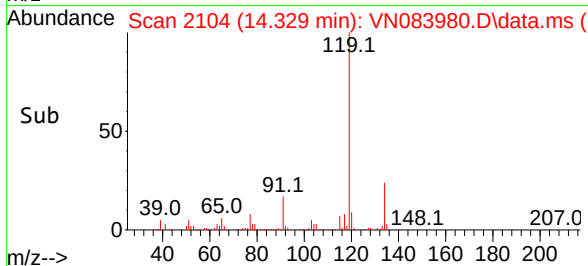
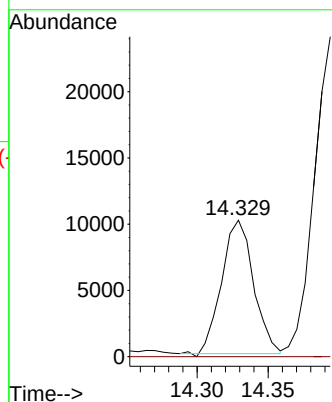
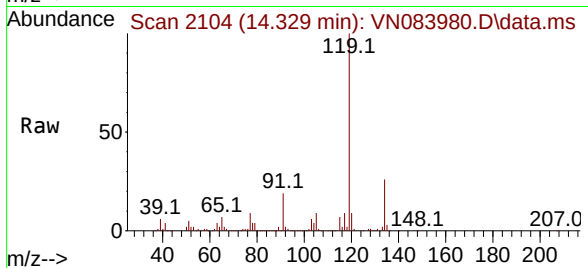
ClientSampleId :

Tgt Ion:117 Resp: 15686

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#



#91

1,2-Dichlorobenzene

Concen: 0.203 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

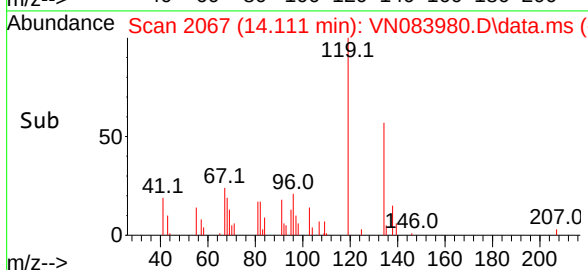
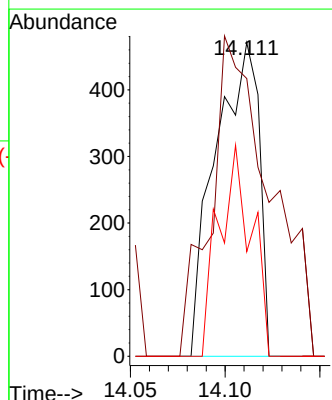
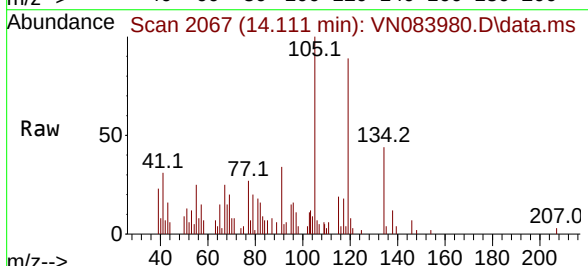
Tgt Ion:146 Resp: 753

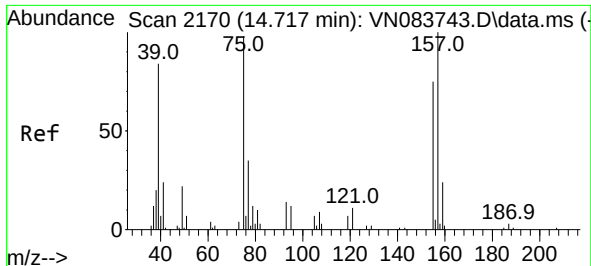
Ion Ratio Lower Upper

146 100

111 139.3 22.8 68.3#

148 50.6 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.854 ug/l

RT: 14.729 min Scan# 2170

Delta R.T. 0.012 min

Lab File: VN083980.D

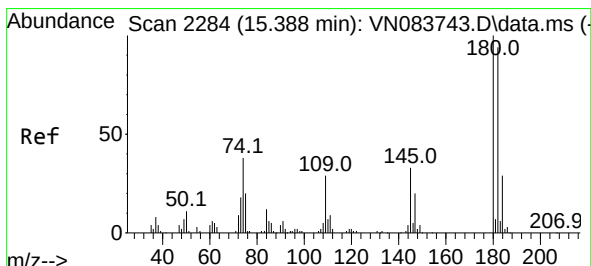
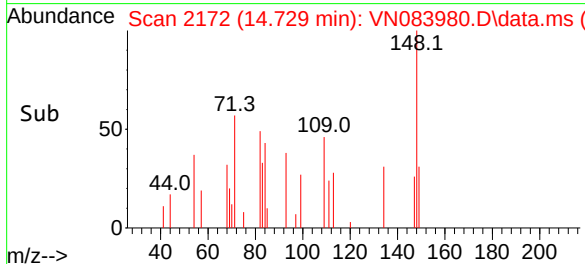
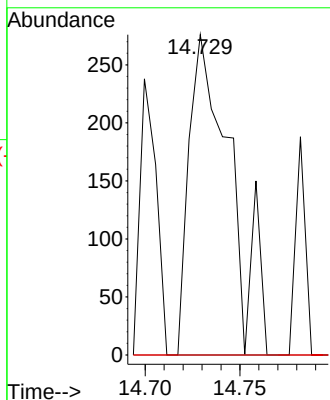
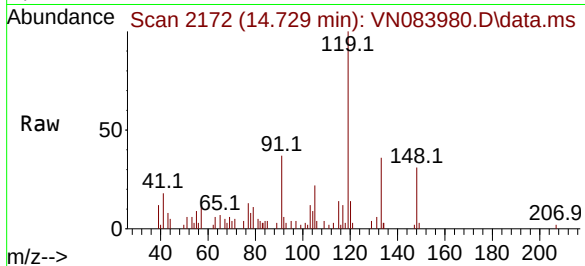
Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 423
Ion Ratio	Lower Upper
75	100
155	0.0 35.9 107.7#
157	0.0 47.5 142.5#



#93

1,2,4-Trichlorobenzene

Concen: 0.674 ug/l

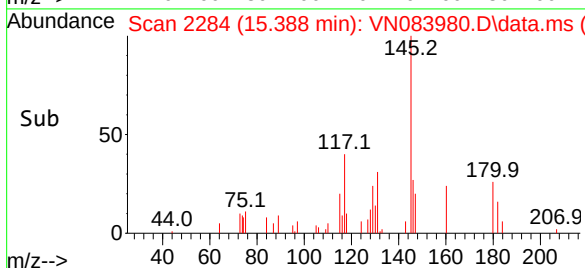
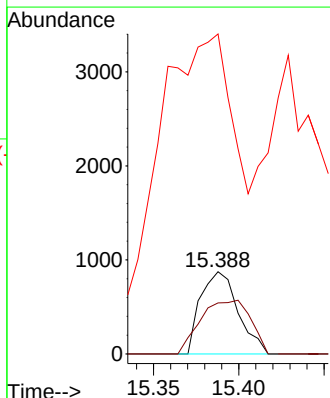
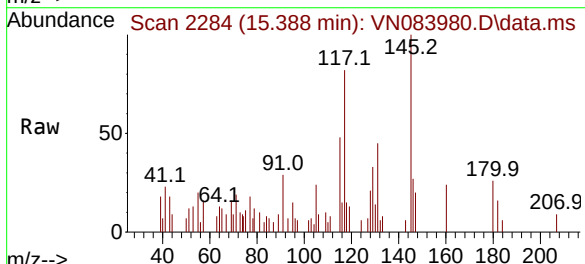
RT: 15.388 min Scan# 2284

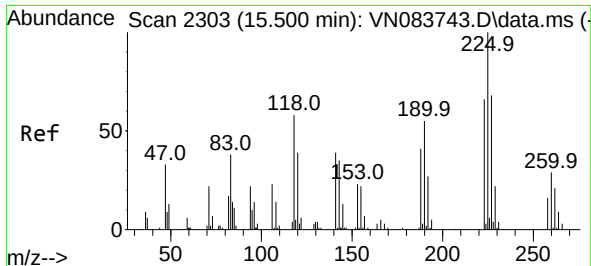
Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Tgt Ion: 180	Resp: 1341
Ion Ratio	Lower Upper
180	100
182	86.7 48.1 144.3
145	803.1 16.9 50.7#

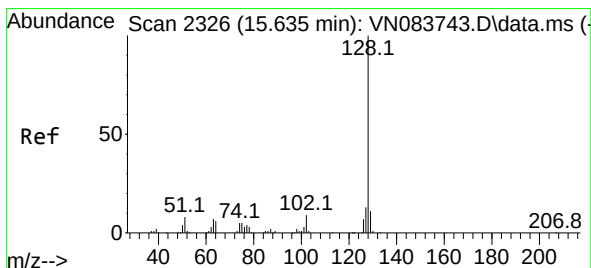
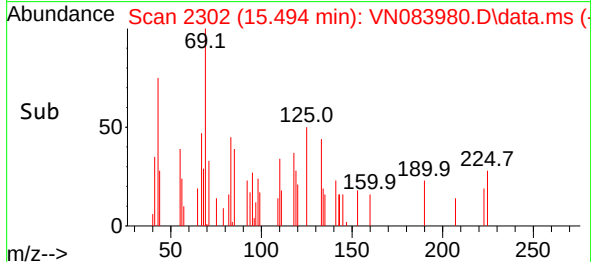
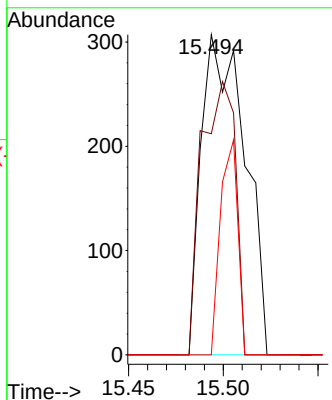
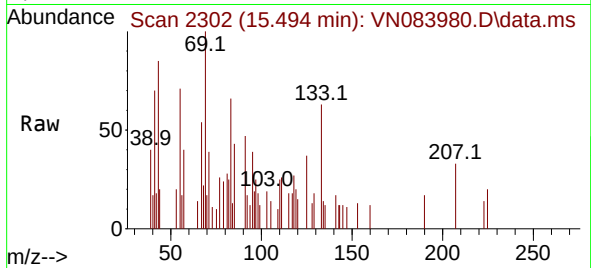




#94
Hexachlorobutadiene
Concen: 0.582 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

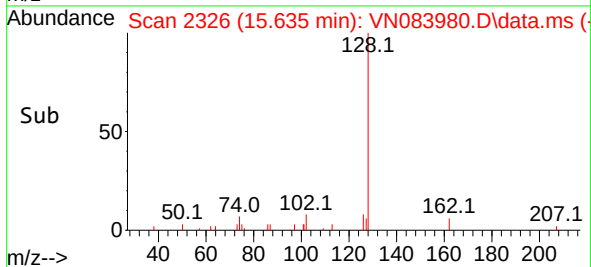
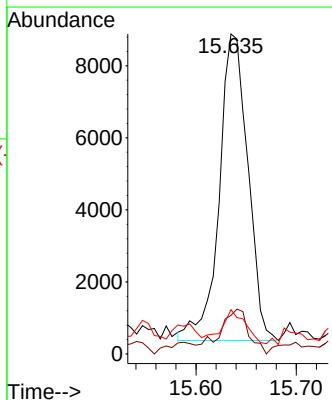
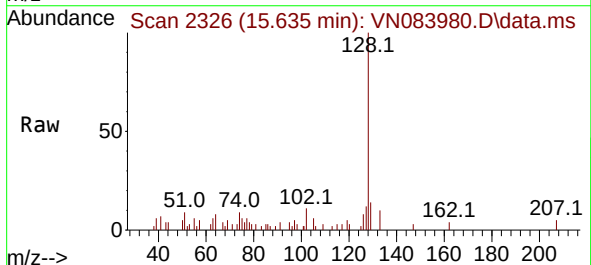
Instrument :
MSVOA_N
ClientSampleId :

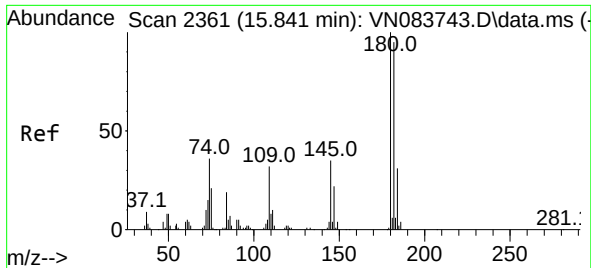
Tgt Ion:	225	Resp:	492
Ion	Ratio	Lower	Upper
225	100		
223	66.1	31.9	95.5
227	26.6	32.0	96.2#



#95
Naphthalene
Concen: 2.790 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

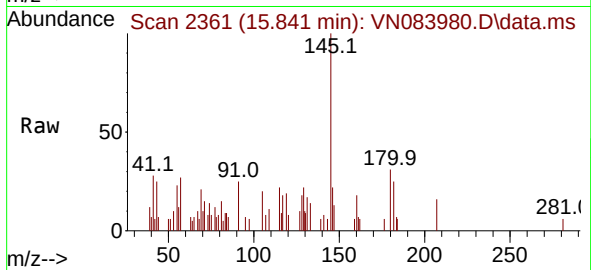
Tgt Ion:	128	Resp:	16885
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.2
129	8.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.903 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083980.D
 Acq: 18 Sep 2024 14:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.1	141.4
145	0.0	17.8	53.5#

